S3870-1

DECEMBER 1983

MASSACHUSETTS BOARD OF LIBRARY COMMISSIONERS
648 Beacon Street Boston, MA 02215

# Comparative Public Library Report

# DATA FOR MASSACHUSETTS FY83

635-12-83-176288

Publication of this Document Approved by Daniel D. Carter, State Purchasing Agent

Estimated Cost Per Copy $2.28

Printed with LSCA Title I funds

The activity which is the subject of this report was supported in part by the U.S. Department of Education. However, the opinions expressed herein do not necessarily reflect the position or policy of the U.S. Department of Education, and no official endorsement by the U.S. Department of Education should be inferred.

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# Introduction

This statistical report is designed to facilitate the comparison of FY83 support and activity levels among public libraries and, in combination with past issues, to contribute to longitudinal analysis undertaken by individual libraries. Using data reported on the FY84 Library Incentive Grant Application and the Annual Report Information Survey forms, indicators of library support and activity are identified and percentage and per capita figures are computed for reporting municipalities.

With few exceptions, financial, collection, and hours open data are for the twelve month period ending June 30, 1983. Twenty-four libraries reported holdings and/or circulation data for another period, most frequently, for calendar year 1982. The work week and full-time equivalents (FTE) data are reported as of July 1, 1983.

The report reflects financial and hours open data for 314 or 90% of the 347 municipalities with public libraries. A total of 322 or 93% of the municipalities supplied holdings, circulation, work week, and staffing data. The four municipalities without public libraries are not listed in the report. They are Hawley, population 280, population rank 345; Montgomery, population 637, rank 332; New Ashford, population 159, rank 349; and Washington, population 587, rank 336.

## ARRANGEMENT OF THE REPORT

The report is arranged in three sections: Summary Tables, Municipal Tables, and the survey forms. Statewide data for selected indicators follow the Introduction. The Usage Notes preceding the Summary Tables illustrate how those tables may be used. They also contain a formula for calculating percentiles not appearing in the Summary Tables.

### Section One: Summary Tables

The summary tables display the mean (average), median, and the 10th, 25th, 75th, and 90th percentile values of nine indicators for population groups I through VI. Because of the small number of municipalities in group VI, the percentiles for this group should be considered estimates only.

Means, medians, and percentiles are superfluous for group VII, the three municipalities with populations in excess of 100,000. Data for these

municipalities appear in the municipal tables only.

Section Two: Municipal Tables

The municipal tables contain data for individual municipalities arranged in seven population groups based on the 1980 federal census as reported in March 1981. See the Index to determine in which population group a municipality falls.

## INDICATORS OF LIBRARY SUPPORT & ACTIVITY

For municipalities with more than one library system receiving public funds, excepting Cohasset, Hardwick, and Pembroke, this report reflects the combined levels of library support and activity for all reporting libraries within that municipality.

Only Cohasset's Paul Pratt Memorial Library and Pembroke's Public Library provided data for those municipalities. Only the Paige Memorial Library supplied work week, holdings, circulation, and FTE figures for Hardwick.

The emphasis of the report is municipal data. Therefore, the state funds received by libraries that contract with the Board of Library Commissioners to provide regional services are omitted from the report.

Only two categories of federal and state funds have been included in the report. Libraries were asked to include federal revenue sharing and the Massachusetts Library Incentive Grant monies in their income and expenditure figures.

In addition to 1980 population, 1980 population rank, and regional system affiliation (Central, Eastern, or Western), the following library data appear in this order in the municipal tables: Total Operating Income Per Capita; Appropriated Municipal Income Per Capita; Total Operating Expenditures Per Capita; Salary Expenditures Per Capita and as a Percent of Total Operating Expenditures; Materials Expenditures Per Capita and as a Percent of Total Operating Expenditures; Holdings Per Capita; Circulation Per Capita; Hours Open in the Winter and Summer; Hours in the Work Week; and Full-Time Equivalents of staff excluding CETA staff.

The Total Operating Income data are not comparable in terms of categories of income and access to the income. The income components depend on the municipality and the manner of reporting. For example, Total Operating Income may reflect all or some of the components of Appropriated Municipal Income plus trust or endowment income, and/or income from monetary gifts or miscellaneous sources.

The discretion with which trust and/or endowment income may be expended varies widely among libraries depending on the fund restrictions. Some funds, for example, restrict expenditures to

materials on a relatively narrow topic. As a result, a library's operating income will appear inflated until selected materials complying with the fund requirements are acquired.

Print and non-print data are combined in the Holdings and Circulation indicators. As in last year's report, each of these indicators' per capita figures is based on the respondents' raw data.

Hours Open, Winter and Summer, displays the number of hours in an average week that the library was open in FY83. Hours for branch libraries are included if they do not overlap main library hours.

Hours in the Work Week, for larger libraries, is the number of hours typically worked per week by a full-time employee. For smaller libraries with only part-time staff, the figure is the greatest number of hours worked in a typical week by a salaried staff member.

The full-time equivalents (FTE) reflect paid staff, excluding CETA, and are equalized for a 35 hour work week. To reflect the staffing levels of libraries with a work week greater than 35 hours more accurately, the total hours of full-time employees are divided by 35. Thus, libraries with work weeks greater than 35 hours will have more than 1.0 FTE for each full-time employee. In prior reports, each full-time staff member was counted as one FTE regardless of the local full-time work week. As a result, the FTE for libraries with a work week of more than 35 hours were underrepresented. For example, five full-time personnel in a library with a 40 hour work week would have appeared as 5.0 FTE in prior reports versus 5.7 FTE in this report. Statewide, such underrepresentation amounted to approximately 87 FTE last year. For part-time staff, the full-time equivalents are based on a 35 hour work week.

The comparability of some of the statistics available in this report would be improved with more detailed knowledge of the components included in total operating expenditures. While such information is not consistently available for FY83 data, responses to a question on the FY78 Statistics of Public Libraries form indicated that the total operating expenditures for a number of libraries did not include such high cost items as building maintenance, heat, and utilities. This was confirmed by the FY80 Energy Expenditure and Conservation Survey. Readers wishing to review the FY78 data should consult the March 1979 issue of Mediawrite, page six or, for both FY78 and 80 data, contact the Planning and Research Unit.

## LIBRARY INCENTIVE GRANT PROGRAM

The compilation of data for this report may not necessarily correspond to the data used to determine compliance with minimum standards for the FY84 Library Incentive Grant Program.

## STATEWIDE DATA

Data for selected financial and collection indicators are shown for the last three fiscal years with per capitas based on the population served by the libraries responding each year.

FTE for CETA staff could not be isolated from non-CETA FTE for July 1, 1981 data. For that reason, the statewide FTE for 1981-83 include CETA whereas the FTE displayed in the municipal tables exclude CETA staff. Additionally, each year's FTE figures have been equalized to reflect a consistent 35 hour FTE.

The agency welcomes comments and suggestions from users of the report.

Mary Litterst
Planning & Research Specialist

Lisa Keller
Computer Programmer

Ann Desmond
Planning & Research

Robert E. Dugan, Head
Fiscal Planning & Systems Development

STATISTICS OF PUBLIC LIBRARIES STATEWIDE SUMMARY FOR SELECTED INDICATORS, FY 81-83

(per capita figures in parentheses)

| F/a | No. of Reptg Libs.[b] | No. of Reptg Muns.[b] | Total Operating Income $ | Appropriated Municipal Income $ | Total Operating Expenditures $ | Salary Expenditures $ | Materials Expenditures $ | Holdings | Circulation | FTE (with CETA) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1981 | 357 | 326 | 64,499,939 (11.40) | 61,660,109 (10.90) | 63,237,725 (11.18) | 43,367,328 ( 7.67) | 10,233,806 ( 1.81) | 25,763,400 ( 4.55) | 35,253,800 ( 6.23) | 3369.9[c] |
| 1982 | 349 | 319 | 60,930,302 (10.85) | 57,379,771 (10.22) | 59,513,445 (10.60) | 41,201,035 ( 7.34) | 9,111,205 ( 1.52) | 25,683,464[d] ( 4.54) | 32,996,215[e] ( 5.92) | 3393.0[d] |
| 1983 | 341 | 314 | 66,446,313 (11.89) | 62,451,848 (11.18) | 64,449,491 (11.54) | 44,215,363 ( 7.91) | 10,721,444 ( 1.92) | 25,974,565[f] ( 4.60) | 33,070,066[f] ( 5.86) | 3504.7[f] |
| 81-82 | % CHANCE IN PER CAPITA FIGURES | | -4.82 | -6.24 | -5.19 | -4.30 | -10.50 | -0.22 | -4.98 | 0.65% |
| 82-83 | | | 9.59 | 9.39 | 8.87 | 7.77 | 18.52 | 1.32 | -1.01 | 0.71% |
| 81-83 | | | 4.30 | 2.57 | 3.22 | 3.13 | 6.08 | 1.09 | -5.94 | 1.37% |

Per capita figures are based on the population (1980 U.S. census) of municipalities served by responding libraries.
FY81, population served by responding libraries = 5,656,698
FY82, population served by responding libraries for financial indicators = 5,615,381
for holdings data = 5,661,715
for circulation data = 5,569,297
FY83, population served by responding libraries for financial indicators = 5,586,706
for holdings and circulation data = 5,644,210

a. Fiscal year applies to all indicators except FTE which are reported as of July 1 of each year
b. Reporting financial data
c. FTE figure based on 353 libraries reporting from 322 municipalities
d. Holdings and FTE data based on 357 libraries reporting from 327 municipalities
e. Circulation based on 356 libraries reporting from 326 municipalites
f. Holdings, circulation and FTE data based on 349 libraries reporting from 322 municipalities

# Usage Notes

The statistical measures applied to each indicator of library support and activity in the Summary Tables are:

**The Mean** — a measure of central tendency which is commonly termed the "average." It is derived by dividing the sum of all the values in any particular group of data by the number of values included in that total.

**Percentile Rank** — describes the position of a value in its distribution, indicating the percent of cases in a distribution falling at or below the value of an indicator. For example, the library of a hypothetical municipality has a per capita operating expenditure of $6.00 and a corresponding percentile rank of 25. This indicates that 25% of the municipalities in the population group have the same or smaller per capita operating expenditure than the sample library.

**The Median** — the popular term for the 50th percentile; is equal to the value of an indicator at or below which 50% of the values fall. The value of the median differs from the value of the mean when the distribution of the values of an indicator is not regular, but rather skewed or piled at either end of the range. When there is considerable difference between the median and the mean, the median is generally thought of as being the more valid measure of central tendency.

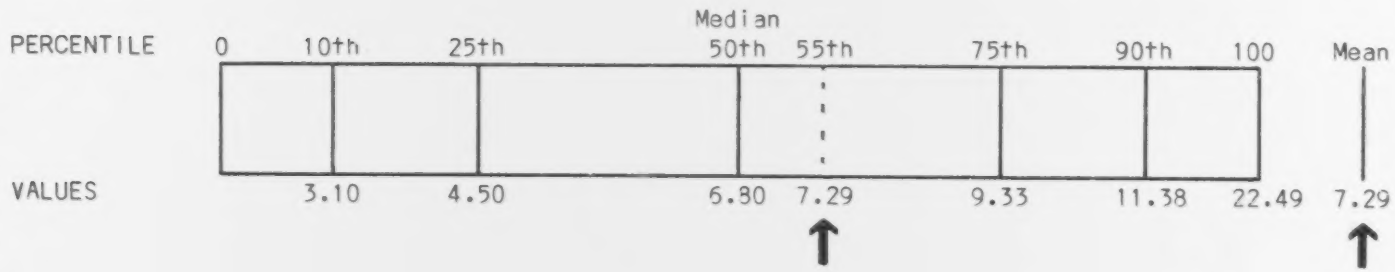
As mentioned in the introduction, percentiles are not the most descriptive measures when the sample size is small such as in population group VI. This is especially evident in Tables E and G. In Table G, for example, 12% is displayed as the value of both the 10th and 25th percentiles for the last population group. This is the result of a small sample (18) in combination with a small range of values (8) consisting of rounded whole numbers.

Constructed below are hypothetical library situations designed to illustrate how the Summary Tables may be used to compare a municipality with those in its population group or in other population groups.

**Example A:** In some instances, the value of an indicator may fall between the displayed values of a statistical measure, for example, between the median (50th percentile) and the 75th percentile.

For a library in a hypothetical municipality in the 10,000 to 24,999 population group (group IV), salary expenditures are equal to $7.29 per capita.

From Summary Table D, we see that 7.29 falls between the values of the median (6.80) and the 75th percentile (9.33). We can estimate that for the library in our hypothetical municipality, salary expenditures per capita are equal to or greater than 55% of the municipalities reporting in this population group.



Undisplayed percentile ranks may be calculated by the shorthand interpolation procedure used to compute the 55th percentile in Example A. This was done by:

a - Finding the difference between the displayed values falling above (9.33) and below (6.80) our hypothetical value (7.29). The difference is 2.53 salary expenditures dollars per capita.

b - Finding the difference between our hypothetical value (7.29) and the displayed value falling below it (6.80). The difference is .49 salary expenditures dollars per capita.

c - Determining the ratio of the latter total to the former (.49 divided by 2.53), which equals .194.

d - Finding the difference between the displayed percentiles corresponding to the displayed values falling above and below our hypothetical value (7.29). In our example, the difference between the corresponding percentiles (75th and median/50th) is 25 percentile units.

e - Interpolating the ratio from the values line to the difference between the displayed percentiles. In our example, the ratio is .194 (see c above) and the difference between the percentiles is 25 (see d above). .194 x 25 = 4.85 percentile units.

f - Adding the interpolated percentile units to the displayed percentile falling below our hypothetical value to arrive at the estimated percentile rank of our hypothetical library. In our example, 4.85 + 50 = 54.85 = 55th percentile.

It should be noted that this procedure assumes that the size of the intervals between values is constant throughout the distribution. Quite often there is slight variability in their size, so that ranks computed by this method must be considered estimates.

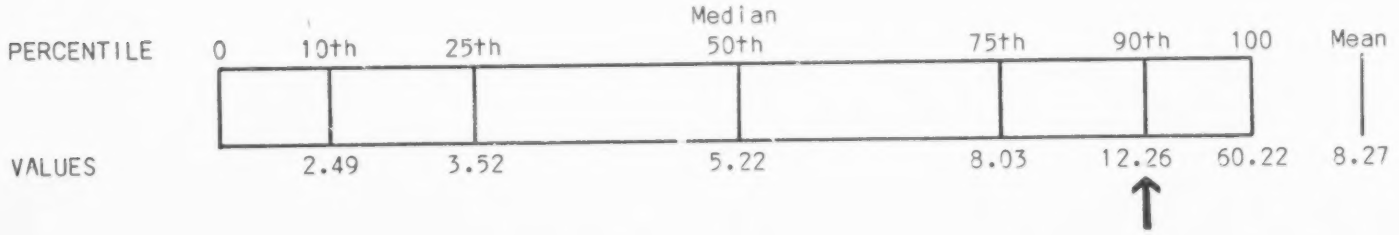
For each indicator it is most useful to review the results of the statistical measures in conjunction with one another.

Another look at Summary Table D indicates that the hypothetical library mentioned in Example A has a salary expenditures per capita figure equal to the mean figure (7.29) of the population group.

Therefore, while we may say that salary expenditures per capita are equal to the "average" for this population group, it remains true that for our hypothetical municipality, per capita salary expenditures are greater than or equal to 55% of the reporting municipalities in this population group.

Example B: In some cases, percentile values may be used effectively to qualify the minimal information provided by the range of values for an indicator and population group. For example, a library in a hypothetical municipality in the 1 to 1,999 population group (group I) could have a total operating income of $12.26 per capita.

From Summary Table A, we see that 12.26 equals the value of the 90th percentile and falls approximately one fifth of the way between the range of total operating incomes per capita (.10 through 60.22) of all reporting libraries in this population group.




We may say, therefore, that even though the hypothetical library's total operating income per capita is only about one fifth as much as that of the library with the highest value in the population group ($60.22), it still has a total operating income per capita greater than or equal to that of 90% of the libraries in this population group.

Readers need not restrict themselves to comparisons within the seven population groups used for this report. For libraries serving populations in the upper and lower ends of these groups, it may be more useful to construct different groups containing libraries serving more similarly sized populations. The population rank provided in the Municipal Tables may be used to select municipalities of similar population size.

Likewise, readers need not restrict themselves to using population served as the basis of comparison among libraries. Any indicator in the report may be used to group similar libraries and to form the basis of comparison among them. From the Municipal Tables, a reader may identify municipalities having similar values for one or more of the support and activity indicators and thereby establish a group of similar libraries, regardless of population served.

# Section One: Summary Tables

TABLE A - TOTAL ANNUAL OPERATING INCOME PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

| Population of Area Served | Number of Reporting Municipalities | Range | 10th Percentile | 25th Percentile | Median | 75th Percentile | 90th Percentile | Mean |
|---|---|---|---|---|---|---|---|---|
| 1 - 1,999 | 54 | 0.10 - 60.22 | 2.49 | 3.52 | 5.22 | 8.03 | 12.26 | 8.27 |
| 2,000 - 4,999 | 46 | 1.75 - 22.78 | 3.58 | 5.86 | 7.66 | 13.44 | 16.97 | 9.61 |
| 5,000 - 9,999 | 67 | 1.24 - 27.90 | 3.61 | 5.75 | 8.94 | 12.12 | 13.94 | 9.10 |
| 10,000 - 24,999 | 86 | 3.64 - 34.33 | 5.42 | 6.65 | 9.70 | 13.68 | 18.39 | 11.13 |
| 25,000 - 49,999 | 40 | 2.70 - 27.14 | 6.15 | 8.98 | 10.71 | 14.44 | 19.62 | 12.18 |
| 50,000 - 99,999 | 18 | 4.43 - 24.69 | 4.88 | 6.98 | 8.40 | 10.22 | 14.07 | 9.67 |

TABLE B - MUNICIPAL APPROPRIATION PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

| Population of Area Served | Number of Reporting Municipalities | Range | 10th Percentile | 25th Percentile | Median | 75th Percentile | 90th Percentile | Mean |
|---|---|---|---|---|---|---|---|---|
| 1 - 1,999 | 54 | 0.10 - 50.07 | 1.83 | 3.00 | 4.29 | 6.97 | 9.34 | 6.86 |
| 2,000 - 4,999 | 46 | 1.73 - 21.78 | 3.34 | 4.94 | 7.35 | 12.57 | 15.29 | 8.74 |
| 5,000 - 9,999 | 67 | 1.06 - 27.76 | 3.42 | 4.74 | 7.79 | 10.74 | 13.03 | 8.39 |
| 10,000 - 24,999 | 86 | 1.00 - 25.12 | 4.78 | 6.30 | 9.70 | 13.19 | 17.03 | 10.40 |
| 25,000 - 49,999 | 40 | 1.04 - 27.14 | 6.15 | 7.12 | 9.86 | 12.90 | 19.56 | 11.25 |
| 50,000 - 99,999 | 18 | 4.30 - 24.15 | 4.76 | 6.53 | 7.91 | 9.55 | 13.54 | 9.31 |

TABLE C - TOTAL OPERATING EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

| Population of Area Served | Number of Reporting Municipalities | Range | 10th Percentile | 25th Percentile | Median | 75th Percentile | 90th Percentile | Mean |
|---|---|---|---|---|---|---|---|---|
| 1 - 1,999 | 54 | 0.10 - 52.85 | 2.38 | 3.45 | 5.14 | 7.67 | 11.18 | 7.50 |
| 2,000 - 4,999 | 46 | 1.40 - 22.57 | 3.58 | 5.82 | 7.16 | 13.00 | 16.18 | 9.32 |
| 5,000 - 9,999 | 67 | 1.24 - 27.90 | 3.53 | 5.17 | 8.78 | 11.61 | 13.86 | 8.83 |
| 10,000 - 24,999 | 86 | 3.34 - 33.46 | 5.32 | 6.38 | 9.70 | 13.34 | 17.49 | 10.78 |
| 25,000 - 49,999 | 40 | 2.70 - 27.14 | 6.15 | 8.16 | 10.65 | 14.41 | 19.26 | 11.93 |
| 50,000 - 99,999 | 18 | 4.20 - 24.61 | 4.63 | 6.92 | 8.31 | 10.04 | 13.50 | 9.49 |

TABLE D - SALARY EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

| Population of Area Served | Number of Reporting Municipalities | Range | 10th Percentile | 25th Percentile | Median | 75th Percentile | 90th Percentile | Mean |
|---|---|---|---|---|---|---|---|---|
| 1 - 1,999 | 54 | 0.00 - 27.46 | 0.31 | 1.27 | 2.30 | 4.11 | 5.20 | 3.54 |
| 2,000 - 4,999 | 46 | 0.77 - 15.28 | 1.61 | 2.79 | 4.21 | 7.48 | 9.48 | 5.32 |
| 5,000 - 9,999 | 67 | 0.76 - 19.06 | 2.02 | 3.07 | 5.26 | 6.87 | 8.93 | 5.46 |
| 10,000 - 24,999 | 86 | 1.13 - 22.49 | 3.10 | 4.50 | 6.80 | 9.33 | 11.38 | 7.29 |
| 25,000 - 49,999 | 40 | 2.05 - 18.01 | 4.21 | 5.30 | 7.56 | 9.73 | 14.54 | 8.18 |
| 50,000 - 99,999 | 18 | 3.33 - 17.24 | 3.35 | 5.02 | 6.04 | 7.56 | 10.47 | 7.07 |

TABLE E - SALARY EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

| Population of Area Served | Number of Reporting Municipalities | Range | 10th Percentile | 25th Percentile | Median | 75th Percentile | 90th Percentile | Mean |
|---|---|---|---|---|---|---|---|---|
| 1 - 1,999 | 54 | 0 - 100 | 16 | 36 | 46 | 58 | 67 | 45 |
| 2,000 - 4,999 | 46 | 32 - 79 | 40 | 48 | 58 | 63 | 67 | 56 |
| 5,000 - 9,999 | 67 | 50 - 77 | 52 | 57 | 61 | 66 | 70 | 62 |
| 10,000 - 24,999 | 86 | 27 - 81 | 56 | 64 | 68 | 72 | 75 | 67 |
| 25,000 - 49,999 | 40 | 51 - 77 | 63 | 65 | 69 | 72 | 75 | 69 |
| 50,000 - 99,999 | 18 | 59 - 84 | 66 | 71 | 76 | 79 | 80 | 75 |

TABLE F - MATERIALS EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

| Population of Area Served | Number of Reporting Municipalities | Range | 10th Percentile | 25th Percentile | Median | 75th Percentile | 90th Percentile | Mean |
|---|---|---|---|---|---|---|---|---|
| 1 - 1,999 | 54 | 0.00 - 15.25 | 0.73 | 1.09 | 1.55 | 2.31 | 3.14 | 2.24 |
| 2,000 - 4,999 | 46 | 0.36 - 5.58 | 1.05 | 1.44 | 1.87 | 3.10 | 3.92 | 2.32 |
| 5,000 - 9,999 | 67 | 0.32 - 5.46 | 0.68 | 1.20 | 2.04 | 2.41 | 3.04 | 2.02 |
| 10,000 - 24,999 | 86 | 0.75 - 5.82 | 0.94 | 1.35 | 1.86 | 2.48 | 3.18 | 2.04 |
| 25,000 - 49,999 | 40 | 0.35 - 4.57 | 0.84 | 1.38 | 1.82 | 2.28 | 2.78 | 1.94 |
| 50,000 - 99,999 | 18 | 0.52 - 4.56 | 0.72 | 0.88 | 1.09 | 1.35 | 2.07 | 1.36 |

TABLE G - MATERIALS EXPENDITURES AS PERCENT ($) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

| Population of Area Served | Number of Reporting Municipalities | Range | 10th Percentile | 25th Percentile | Median | 75th Percentile | 90th Percentile | Mean |
|---|---|---|---|---|---|---|---|---|
| 1 - 1,999 | 54 | 0 - 89 | 20 | 23 | 27 | 41 | 51 | 34 |
| 2,000 - 4,999 | 46 | 19 - 38 | 21 | 22 | 24 | 27 | 30 | 25 |
| 5,000 - 9,999 | 67 | 17 - 41 | 19 | 20 | 23 | 25 | 29 | 23 |
| 10,000 - 24,999 | 86 | 15 - 33 | 16 | 17 | 18 | 21 | 24 | 19 |
| 25,000 - 49,999 | 40 | 12 - 22 | 13 | 14 | 16 | 18 | 20 | 17 |
| 50,000 - 99,999 | 18 | 12 - 19 | 12 | 12 | 13 | 15 | 16 | 14 |

TABLE H - TOTAL HOLDINGS PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusatts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

| Population of Area Served | Number of Reporting Municipalities | Range | 10th Percentile | 25th Percentile | Median | 75th Percentile | 90th Percentile | Mean |
|---|---|---|---|---|---|---|---|---|
| 1 - 1,999 | 57 | 0.03 - 49.04 | 3.81 | 5.51 | 8.30 | 10.92 | 25.36 | 10.83 |
| 2,000 - 4,999 | 47 | 2.35 - 27.35 | 2.90 | 4.12 | 5.71 | 7.39 | 10.26 | 6.86 |
| 5,000 - 9,999 | 69 | 1.16 - 9.65 | 2.25 | 3.11 | 4.19 | 5.71 | 6.96 | 4.53 |
| 10,000 - 24,999 | 88 | 1.25 - 12.99 | 2.15 | 2.79 | 3.53 | 4.60 | 5.66 | 3.90 |
| 25,000 - 49,999 | 40 | 1.41 - 12.31 | 1.81 | 3.00 | 3.75 | 5.09 | 6.29 | 4.24 |
| 50,000 - 99,999 | 18 | 1.91 - 6.65 | 2.00 | 2.59 | 3.21 | 3.90 | 4.41 | 3.40 |

TABLE I - TOTAL CIRCULATION PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1983

| Population of Area Served | Number of Reporting Municipalities | Range | 10th Percentile | 25th Percentile | Median | 75th Percentile | 90th Percentile | Mean |
|---|---|---|---|---|---|---|---|---|
| 1 - 1,999 | 57 | 0.37 - 51.07 | 3.17 | 4.36 | 6.33 | 10.06 | 12.05 | 8.46 |
| 2,000 - 4,999 | 47 | 1.56 - 26.15 | 3.53 | 4.90 | 6.35 | 8.97 | 15.28 | 8.22 |
| 5,000 - 9,999 | 69 | 0.95 - 19.91 | 3.33 | 4.27 | 5.79 | 8.59 | 11.44 | 6.75 |
| 10,000 - 24,999 | 88 | 2.26 - 17.37 | 3.37 | 5.00 | 7.25 | 9.10 | 12.11 | 7.52 |
| 25,000 - 49,999 | 40 | 1.13 - 16.35 | 2.58 | 4.87 | 5.85 | 8.35 | 11.06 | 6.71 |
| 50,000 - 99,999 | 18 | 1.48 - 8.73 | 1.77 | 2.51 | 4.11 | 5.77 | 7.69 | 4.50 |

# Section Two: Data for Individual Municipalities

## Population Group I
## (0 - 1,999)

POPULATION GROUP I (1 - 1,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY $ PER CAP | SALARY EXP % TOT EXP | MATERLS $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | OPEN SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. ALFORD | 394 | 341 | W | 0.59 | 0.59 | 0.36 | 0.25 | 70 | 0.07 | 19 | 2.54 | 2.54 | 1 | 20 | 20 | 0.7 |
| 2. ASHFIELD | 1,458 | 297 | W | 8.88 | 3.94 | 8.19 | 4.54 | 55 | 1.92 | 23 | 7.55 | 10.27 | 15 | 15 | 20 | 0.8 |
| 3. BECKET | 1,339 | 299 | W | 4.89 | 3.77 | 4.56 | 0.90 | 20 | 1.05 | 23 | 28.51 | 9.13 | 11.5 | 13.5 | 0.0 | 0.0 |
| 4. BERNARDSTON | 1,750 | 287 | W | | | | | | | | 10.63 | 4.38 | | | 15 | 0.9 |
| 5. BLANDFORD | 1,038 | 313 | W | 7.97 | 7.11 | 7.91 | 4.53 | 57 | 1.95 | 25 | 8.93 | 18.33 | 21 | 21 | 21 | 0.6 |
| 6. BUCKLAND | 1,864 | 264 | W | | | | | | | | 6.90 | 3.52 | | | 15 | 0.4 |
| 7. CHARLEMONT | 1,149 | 308 | W | 3.05 | 2.39 | 3.02 | 2.30 | 76 | 0.68 | 23 | 9.57 | 1.55 | 11 | 11 | 11 | 0.3 |
| 8. CHESTER | 1,123 | 310 | W | 6.46 | 3.91 | 6.46 | 4.13 | 64 | 1.30 | 20 | 8.93 | 4.54 | 15 | 15 | 20 | 0.6 |
| 9. CHESTERFIELD | 1,000 | 316 | W | 6.32 | 6.32 | 6.32 | 2.93 | 46 | 1.50 | 24 | 8.06 | 8.36 | 15 | 15 | 15 | 0.4 |
| 10. CHILMARK | 489 | 338 | E | 60.22 | 45.93 | 52.85 | 27.46 | 52 | 15.25 | 29 | 49.04 | 51.07 | 21 | 23 | 28 | 1.7 |
| 11. CLARKSBURG | 1,871 | 283 | W | 1.36 | 1.36 | 1.36 | 0.16 | 12 | 1.09 | 80 | 4.63 | 6.06 | 14.5 | 3 | 24 | 0.7 |
| 12. COLRAIN | 1,552 | 294 | W | 8.09 | 7.26 | 5.83 | 2.26 | 39 | 1.41 | 24 | 5.66 | 4.69 | 15 | 15 | 15 | 0.5 |
| 13. CONWAY | 1,213 | 304 | W | | | | | | | | | | | | | |
| 14. CUMMINGTON | 657 | 328 | W | 5.56 | 4.95 | 5.56 | 0.11 | 2 | 2.93 | 53 | 13.83 | 7.59 | 10 | 10 | 20 | 0.6 |
| 15. DUNSTABLE | 1,671 | 290 | E | 4.49 | 3.70 | 4.33 | 2.21 | 51 | 1.93 | 45 | 10.76 | 3.34 | 10 | 10 | 15 | 1.0 |
| 16. EAST BROOKFIELD | 1,955 | 282 | C | 6.22 | 6.22 | 6.22 | 4.37 | 70 | 1.25 | 20 | 5.21 | 9.81 | 30 | 30 | 30 | 1.1 |
| 17. EGREMONT | 1,311 | 301 | W | 2.94 | 2.94 | 2.94 | 1.87 | 64 | 0.99 | 34 | 5.50 | 4.43 | 13 | 13 | 13 | 0.4 |
| 18. ERVING | 1,326 | 300 | W | 2.69 | 2.69 | 2.69 | 1.92 | 71 | 0.69 | 26 | 8.97 | 9.98 | 10 | 8 | 6 | 0.3 |
| 19. FLORIDA | 730 | 323 | W | 3.42 | 3.42 | 3.42 | 0.48 | 14 | 2.93 | 86 | 10.01 | 11.87 | 12 | 2 | 12 | 0.3 |
| 20. GAY HEAD | 220 | 347 | E | 11.05 | 7.87 | 10.18 | 4.09 | 40 | 4.30 | 42 | 27.45 | 5.50 | 10 | 9 | 5 | 0.1 |
| 21. GILL | 1,259 | 303 | W | | | | | | | | | | | | | |
| 22. GOSHEN | 651 | 329 | W | 6.42 | 4.12 | 6.30 | 2.76 | 44 | 3.07 | 49 | 9.42 | 9.68 | 10 | 10 | 10 | 0.3 |
| 23. GOSNOLD | 63 | 351 | E | | | | | | | | | | | | | |
| 24. GRANVILLE | 1,204 | 305 | W | 7.71 | 7.71 | 7.71 | 2.92 | 38 | 2.32 | 30 | 8.10 | 5.18 | 14 | 11 | 10 | 0.5 |
| 25. HANCOCK | 643 | 331 | W | 4.56 | 4.56 | 4.52 | 1.23 | 27 | 1.28 | 28 | 10.42 | 10.89 | 4 | 4 | 3 | 0.1 |
| 26. HEATH | 482 | 339 | W | 14.32 | 13.70 | 11.22 | 7.04 | 63 | 3.09 | 28 | 30.45 | 11.61 | 10 | 10 | 15 | 0.4 |

POPULATION GROUP I (1 - 1,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY $ PER CAP | SALARY EXP % TOT EXP | MATERLS $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27. HINSDALE | 1,707 | 288 | W | 3.58 | 2.14 | 3.58 | 1.31 | 36 | 1.28 | 36 | 3.84 | 10.62 | 9 | 11 | 10 | 0.3 |
| 28. HOLLAND | 1,589 | 292 | W | 2.97 | 2.97 | 2.94 | 1.09 | 37 | 1.18 | 40 | 4.09 | 4.00 | 10 | 15 | 11 | 0.3 |
| 29. HUBBARDSTON | 1,797 | 286 | C | 6.90 | 6.90 | 6.14 | 2.31 | 38 | 2.10 | 34 | 5.43 | 4.50 | 18 | 12 | 18 | 0.8 |
| 30. HUNTINGTON | 1,804 | 285 | W | 5.99 | 5.99 | 4.90 | 1.88 | 38 | 1.17 | 24 | 4.22 | 4.42 | 13 | 13 | 13 | 1.1 |
| 31. LEVERETT | 1,471 | 296 | W | 3.02 | 3.02 | 3.02 | 1.91 | 63 | 0.80 | 27 | 3.75 | 3.48 | 18 | 15 | 15 | 0.4 |
| 32. LEYDEN | 498 | 337 | W | 7.03 | 7.03 | 5.92 | 3.46 | 59 | 1.71 | 29 | 7.81 | 10.09 | 10 | 10 | 10 | 0.3 |
| 33. MIDDLEFIELD | 385 | 342 | W | 2.35 | 2.35 | 2.24 | 0.44 | 20 | 1.55 | 69 | 13.56 | 7.33 | 10 | 7 | 10 | 0.3 |
| 34. MILLVILLE | 1,693 | 289 | C | | | | | | | | | | | | | |
| 35. MONROE | 179 | 348 | W | 5.48 | 5.48 | 5.48 | 3.04 | 55 | 2.43 | 44 | 24.46 | 10.21 | 2 | : | 3 | 0.1 |
| 36. MONTEREY | 818 | 322 | W | 12.16 | 12.16 | 12.16 | 6.76 | 56 | 2.44 | 20 | 7.26 | 12.60 | 11 | 11 | 18 | 0.6 |
| 37. MOUNT WASHINGTON | 93 | 350 | W | | | | | | | | 28.51 | 4.54 | | | 2 | 0.1 |
| 38. NEW BRAINTREE | 671 | 327 | C | 3.56 | 3.56 | 3.56 | 0.39 | 11 | 3.17 | 89 | 6.37 | 10.80 | 10 | 10 | 10 | 0.3 |
| 39. NEW MARLBOROUGH | 1,160 | 307 | W | 5.22 | 3.84 | 5.22 | 2.39 | 46 | 0.94 | 18 | 6.47 | 9.94 | 11 | 15 | 12 | 0.3 |
| 40. NEW SALEM | 688 | 326 | W | 5.14 | 4.82 | 5.14 | 1.89 | 37 | 1.38 | 27 | 10.55 | 12.48 | 14 | 14 | 12 | 0.6 |
| 41. OAK BLUFFS | 1,984 | 280 | E | | | | | | | | | | | | | |
| 42. OAKHAM | 994 | 317 | C | 9.66 | 9.56 | 9.66 | 4.63 | 48 | 2.27 | 23 | 14.65 | 11.76 | 15.5 | 14.5 | 15 | 0.8 |
| 43. OTIS | 963 | 318 | W | | | | | | | | | | | | | |
| 44. PELHAM | 1,112 | 311 | W | 4.91 | 3.59 | 3.57 | 1.91 | 54 | 1.62 | 45 | 5.76 | 4.10 | 10 | 10 | 10 | 0.3 |
| 45. PERU | 633 | 333 | W | 1.22 | 0.69 | 0.97 | 0.00 | 0 | 0.55 | 57 | 10.47 | 2.87 | 10 | 10 | 0.0 | 0.0 |
| 46. PETERSHAM | 1,024 | 314 | C | 20.98 | 2.70 | 15.43 | 4.87 | 32 | 4.34 | 28 | 17.47 | 8.90 | 23.5 | 23.5 | 17 | 0.8 |
| 47. PHILLIPSTON | 953 | 320 | C | 4.42 | 4.00 | 4.19 | 1.47 | 35 | 1.89 | 45 | 8.50 | 4.73 | 10 | 10 | 10 | 0.3 |
| 48. PLAINFIELD | 425 | 340 | W | | | | | | | | | | | | | |
| 49. PLYMPTON | 1,974 | 281 | E | 9.01 | 9.01 | 8.83 | 5.33 | 60 | 2.44 | 28 | 7.01 | 7.26 | 28 | 28 | 30 | 1.2 |
| 50. RICHMOND | 1,659 | 291 | W | 3.47 | 3.47 | 3.47 | 2.37 | 68 | 0.87 | 25 | 3.50 | 5.68 | 11 | 11 | 11 | 0.5 |
| 51. ROWE | 336 | 344 | W | 50.19 | 50.07 | 43.43 | 20.72 | 48 | 11.21 | 26 | 30.74 | 37.34 | 15 | 15 | 20 | 0.9 |
| 52. ROYALSTON | 955 | 319 | C | | | | | | | | | | | | | |

POPULATION GROUP I (1 - 1,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP % TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53. RUSSELL | 1,570 | 293 | W | 5.14 | 5.14 | 5.14 | 2.99 | 58 | 1.08 | 21 | 2.80 | 3.75 | 20.5 | 20.5 | 13 | 0.7 |
| 54. SANDISFIELD | 720 | 324 | W | 3.93 | 3.93 | 3.93 | 1.19 | 30 | 1.90 | 48 | 6.46 | 5.98 | 16 | 16 | 12 | 0.5 |
| 55. SAVOY | 644 | 330 | W | 0.10 | 0.10 | 0.10 | 0.10 | 100 | 0.00 | 0 | 0.03 | 0.37 | 28 | 28 | 28 | 0.8 |
| 56. SHUTESBURY | 1,049 | 312 | W | 5.18 | 1.62 | 2.59 | 0.69 | 27 | 1.19 | 46 | 5.55 | 3.39 | 10 | 10 | 5 | 0.1 |
| 57. TOLLAND | 235 | 346 | W | | | | | | | | | | | | | |
| 58. TRURO | 1,486 | 295 | E | 7.63 | 7.63 | 7.63 | 3.45 | 45 | 2.20 | 29 | 11.07 | 6.59 | 14 | 24 | 17 | 0.5 |
| 59. TYRINGHAM | 344 | 343 | W | | | | | | | | | | | | | |
| 60. WALES | 1,177 | 306 | W | 4.29 | 4.29 | 4.29 | 1.71 | 40 | 1.04 | 24 | 5.01 | 3.30 | 10 | 30 | 15 | 0.4 |
| 61. WARWICK | 603 | 334 | W | 9.76 | 7.31 | 9.76 | 5.01 | 51 | 2.30 | 24 | 13.66 | 9.86 | 10 | 10 | 10 | 0.3 |
| 62. WENDELL | 694 | 325 | W | 4.91 | 4.91 | 4.91 | 3.18 | 65 | 1.05 | 21 | 10.07 | 2.88 | 10 | 10 | 10 | 0.3 |
| 63. WEST STOCKBRIDGE | 1,280 | 302 | W | 3.32 | 3.93 | 3.32 | 1.59 | 48 | 1.34 | 40 | 4.43 | 4.35 | 10 | 10 | 10 | 0.3 |
| 64. WEST TISBURY | 1,010 | 315 | E | 29.48 | 27.88 | 27.56 | 15.82 | 57 | 7.30 | 26 | 13.71 | 18.94 | 14 | 18 | 20 | 1.7 |
| 65. WESTHAMPTON | 1,137 | 309 | W | 6.97 | 5.52 | 6.97 | 2.64 | 38 | 1.79 | 26 | 7.33 | 8.62 | 13 | 13 | 14 | 0.4 |
| 66. WHATELY | 1,341 | 298 | W | 12.32 | 5.31 | 11.13 | 4.45 | 40 | 2.26 | 20 | 10.97 | 7.01 | 16 | 16 | 23 | 1.1 |
| 67. WINDSOR | 598 | 335 | W | | | | | | | | | | | | | |
| 68. WORTHINGTON | 932 | 321 | W | 8.87 | 5.84 | 5.93 | 1.64 | 28 | 1.22 | 21 | 10.74 | 5.41 | 11 | 11 | 7 | 0.3 |

# Population Group II
# (2,000 - 4,999)

POPULATION GROUP II (2,000 - 4,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP % TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. ASHBURNHAM | 4,075 | 238 | C | 6.85 | 4.82 | 6.85 | 3.55 | 52 | 1.99 | 29 | 3.99 | 5.17 | 33 | 33 | 2[illegible] | 1.5 |
| 2. ASHBY | 2,311 | 273 | C | | | | | | | | | | | | | |
| 3. BARRE | 4,102 | 237 | C | 11.66 | 8.61 | 11.66 | 5.86 | 50 | 3.04 | 26 | 5.85 | 4.25 | 23 | 23 | 35 | 2.0 |
| 4. BERKLEY | 2,731 | 266 | E | 3.96 | 3.96 | 3.96 | 1.78 | 45 | 0.95 | 24 | | | 15 | 8 | | |
| 5. BERLIN | 2,215 | 276 | C | 7.55 | 6.86 | 7.67 | 4.85 | 63 | 2.27 | 30 | 4.38 | 5.39 | 16 | 20 | 20 | 1.2 |
| 6. BOLTON | 2,530 | 267 | C | 8.72 | 8.72 | 8.44 | 3.58 | 42 | 1.87 | 22 | 5.65 | 6.19 | 16 | 18 | 25 | 1.5 |
| 7. BOXBOROUGH | 3,126 | 256 | C | 7.29 | 6.84 | 6.96 | 4.26 | 61 | 1.56 | 22 | 6.03 | 5.66 | 22 | 22 | 20 | 1.7 |
| 8. BOYLSTON | 3,470 | 252 | C | 17.75 | 15.58 | 16.27 | 8.96 | 55 | 4.35 | 27 | 6.43 | 6.86 | 30.5 | 30.5 | 35 | 3.1 |
| 9. BRIMFIELD | 2,318 | 272 | C | 5.58 | 5.33 | 5.58 | 1.77 | 32 | 1.19 | 21 | 4.16 | 3.71 | 15 | 15 | 15 | 0.7 |
| 10. BROOKFIELD | 2,397 | 269 | C | 6.43 | 6.14 | 6.11 | 3.08 | 50 | 1.59 | 26 | 5.92 | 5.64 | 21 | 21 | 21 | 0.9 |
| 11. CARLISLE | 3,306 | 253 | E | 16.94 | 16.75 | 16.25 | 11.59 | 71 | 3.89 | 24 | 7.54 | 18.87 | 58 | 58 | 37 | 3.6 |
| 12. CHESHIRE | 3,124 | 257 | W | 1.83 | 1.76 | 1.40 | 0.89 | 64 | 0.40 | 28 | 8.62 | 4.50 | 15 | 15 | 15 | 0.4 |
| 13. DEERFIELD | 4,517 | 230 | W | 5.18 | 5.18 | 5.16 | 2.49 | 48 | 1.87 | 36 | 9.55 | 7.62 | 27 | 25 | 15 | 1.6 |
| 14. DOUGLAS | 3,730 | 248 | C | 4.83 | 4.67 | 4.83 | 2.73 | 57 | 1.14 | 24 | 3.55 | 2.72 | 21 | 21 | 21 | 1.1 |
| 15. DOVER | 4,703 | 228 | E | 15.32 | 13.25 | 15.32 | 7.11 | 46 | 5.28 | 34 | 7.38 | 8.52 | 50 | 36 | 37 | 2.8 |
| 16. EASTHAM | 3,472 | 251 | E | 13.46 | 12.67 | 12.67 | 7.91 | 62 | 3.38 | 27 | 7.40 | 14.73 | 38 | 36 | 35 | 2.5 |
| 17. EDGARTOWN | 2,204 | 278 | E | | | | | | | | | | | | | |
| 18. ESSEX | 2,998 | 261 | E | 6.21 | 4.39 | 6.01 | 3.89 | 65 | 1.33 | 22 | 5.42 | 6.76 | 27 | 22 | 27 | 1.1 |
| 19. HADLEY | 4,125 | 236 | W | 6.05 | 6.05 | 6.01 | 3.59 | 60 | 1.28 | 21 | 4.16 | 4.00 | 44.5 | 36 | 37 | 1.9 |
| 20. HAMPDEN | 4,745 | 227 | W | 4.86 | 4.71 | 4.71 | 3.29 | 70 | 1.19 | 25 | 2.92 | 5.07 | 26 | 21 | 26 | 2.1 |
| 21. HARDWICK | 2,272 | 274 | W | 7.90 | 3.71 | 6.60 | 2.27 | 34 | 1.50 | 23 | 3.91 | 1.56 | 20.5 | 20.5 | 7 | 0.3 |
| 22. HATFIELD | 3,045 | 259 | W | 6.47 | 6.47 | 6.08 | 2.81 | 46 | 1.65 | 27 | 8.71 | 6.52 | 15 | 8 | 15 | 0.9 |
| 23. HOPEDALE | 3,905 | 242 | C | 11.42 | 8.71 | 10.71 | 6.33 | 59 | 2.35 | 22 | 7.21 | 8.12 | 16 | 22 | 30 | 2.4 |
| 24. LANESBOROUGH | 3,131 | 255 | W | 1.75 | 1.73 | 1.75 | 1.37 | 79 | 0.36 | 21 | 3.17 | 4.57 | 15 | 15 | 11 | 0.4 |
| 25. MARION | 3,932 | 241 | E | 14.27 | 12.09 | 13.43 | 6.72 | 50 | 3.15 | 23 | 7.17 | 7.25 | 37 | 37 | 40 | 3.5 |
| 26. MASHPEE | 3,700 | 249 | E | 7.53 | 7.35 | 6.96 | 4.21 | 60 | 1.50 | 22 | 2.41 | 3.79 | 27 | 27 | 25 | 1.7 |

POPULATION GROUP II (2,000 - 4,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP % TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27. MENDON | 3,108 | 258 | C | | | | | | | | | | | | | |
| 28. MERRIMAC | 4,451 | 231 | E | 9.76 | 9.59 | 9.75 | 7.13 | 73 | 1.88 | 19 | 4.61 | 6.85 | 52 | 48 | 40 | 3.7 |
| 29. MIDDLETON | 4,135 | 235 | E | 14.75 | 14.70 | 14.70 | 9.14 | 62 | 2.98 | 20 | 4.72 | 7.32 | 50 | 30 | 24 | 4.0 |
| 30. NAHANT | 3,947 | 240 | E | 14.62 | 14.62 | 14.62 | 8.42 | 58 | 3.92 | 27 | 19.04 | 12.13 | 32 | 48 | 40 | 3.1 |
| 31. NEWBURY | 4,529 | 229 | E | 7.66 | 7.49 | 6.51 | 4.14 | 64 | 1.53 | 24 | 2.43 | 5.06 | 37 | 37 | 37 | 2.7 |
| 32. NORTH BROOKFIELD | 4,150 | 233 | C | 6.04 | 5.34 | 6.04 | 2.33 | 39 | 1.52 | 25 | 4.79 | 5.83 | 24 | 24 | 22 | 1.5 |
| 33. NORTHFIELD | 2,386 | 270 | W | 14.89 | 14.47 | 14.63 | 9.11 | 62 | 2.95 | 20 | 10.59 | 12.62 | 31 | 31 | 40 | 2.2 |
| 34. PAXTON | 3,762 | 247 | C | 8.82 | 7.54 | 8.78 | 5.28 | 60 | 2.13 | 24 | 4.46 | 6.50 | 34 | 20 | 35 | 2.3 |
| 35. PRINCETON | 2,425 | 268 | C | 9.14 | 7.93 | 9.08 | 4.35 | 48 | 3.24 | 36 | 5.68 | 10.47 | 16 | 13 | 16 | 1.2 |
| 36. PROVINCETOWN | 3,536 | 250 | E | 20.81 | 19.70 | 20.36 | 11.94 | 59 | 3.99 | 20 | 2.84 | 4.58 | 45 | 45 | 40 | 3.3 |
| 37. ROCHESTER | 3,205 | 254 | E | 2.42 | 1.97 | 2.21 | 0.77 | 35 | 0.52 | 24 | 2.35 | 1.89 | 15 | 15 | 15 | 0.5 |
| 38. ROWLEY | 3,867 | 245 | E | 8.30 | 8.11 | 8.30 | 5.20 | 63 | 2.05 | 25 | 6.73 | 5.23 | 23 | 23 | 28 | 2.3 |
| 39. RUTLAND | 4,334 | 232 | C | 5.63 | 5.05 | 5.63 | 2.76 | 49 | 1.66 | 29 | 3.01 | 5.06 | 26 | 22.5 | 22 | 1.4 |
| 40. SHEFFIELD | 2,743 | 265 | W | 12.46 | 12.46 | 12.40 | 7.99 | 64 | 2.92 | 24 | 9.78 | 6.08 | 27 | 27 | 40 | 1.8 |
| 41. SHELBURNE | 2,002 | 279 | W | | | | | | | | 23.04 | 14.16 | | | 15 | 1.2 |
| 42. SHERBORN | 4,049 | 239 | E | 22.22 | 21.78 | 21.78 | 11.83 | 54 | 4.94 | 23 | 10.42 | 10.33 | 59 | 43 | 37.5 | 5.6 |
| 43. SOUTHAMPTON | 4,137 | 234 | W | 8.82 | 8.15 | 8.14 | 4.65 | 57 | 2.31 | 28 | 4.65 | 7.01 | 18 | 18 | 22 | 2.1 |
| 44. STOCKBRIDGE | 2,328 | 271 | W | | | | | | | | 27.35 | 26.15 | | | 38 | 4.7 |
| 45. SUNDERLAND | 2,929 | 263 | W | 3.00 | 2.97 | 3.00 | 1.19 | 40 | 1.12 | 38 | 4.44 | 3.11 | 17 | 17 | 11 | 0.3 |
| 46. TISBURY | 2,972 | 262 | E | | | | | | | | | | | | | |
| 47. UPTON | 3,886 | 244 | C | 5.68 | 5.46 | 5.62 | 3.70 | 66 | 1.76 | 31 | 7.16 | 7.86 | 42 | 42 | 40 | 1.7 |
| 48. WARREN | 3,777 | 246 | C | 7.42 | 6.39 | 7.16 | 3.20 | 45 | 1.84 | 26 | 3.55 | 5.01 | 27 | 29.5 | 35 | 1.5 |
| 49. WELLFLEET | 2,209 | 277 | E | 22.78 | 20.19 | 22.57 | 15.28 | 68 | 5.58 | 25 | 10.19 | 21.35 | 29 | 29 | 35 | 3.1 |
| 50. WENHAM | 3,897 | 243 | E | 17.02 | 15.09 | 16.14 | 9.99 | 62 | 3.50 | 22 | 6.84 | 16.57 | 33 | 29 | 33 | 4.2 |
| 51. WEST BROOKFIELD | 3,026 | 260 | C | 6.59 | 3.59 | 6.59 | 3.73 | 56 | 1.38 | 21 | 5.73 | 11.87 | 24 | 24 | 19 | 1.4 |
| 52. WEST NEWBURY | 2,861 | 264 | E | 13.42 | 13.09 | 13.32 | 7.82 | 59 | 3.78 | 28 | 6.41 | 25.84 | 30 | 27 | 40 | 2.6 |

POPULATION GROUP II (2,000 - 4,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP $ TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP $ TOT EXP | HLDGS P C | CIRC P C | HOURS OPEN WIN | HOURS OPEN SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53. WILLIAMSBURG | 2,237 | 275 | W | | | | | | | | | | | | | |

# Population Group III
# (5,000-9,999)

POPULATION GROUP III (5,000 - 9,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP % TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. ACUSHNET | 8,704 | 164 | E | | | | | | | | | | | | | |
| 2. ASHLAND | 9,165 | 157 | E | | | | | | | | 3.65 | 4.48 | | | 30 | 3.3 |
| 3. AVON | 5,026 | 226 | E | 12.46 | 11.96 | 11.93 | 6.79 | 57 | 2.45 | 21 | 6.73 | 6.45 | 47 | 42.5 | 35 | 3.5 |
| 4. AYER | 6,993 | 184 | C | 8.80 | 6.36 | 8.23 | 4.30 | 52 | 2.54 | 31 | 2.81 | 3.35 | 45 | 45 | 40 | 2.7 |
| 5. BELCHERTOWN | 8,339 | 169 | W | 3.97 | 3.97 | 3.97 | 1.97 | 50 | 1.18 | 30 | 2.25 | 3.80 | 25 | 15 | 25 | 2.1 |
| 6. BLACKSTONE | 6,570 | 192 | C | 1.88 | 1.88 | 1.87 | 1.40 | 75 | 0.47 | 25 | 2.28 | 0.95 | 25 | 10 | 25 | 1.1 |
| 7. BOXFORD | 5,374 | 217 | E | 15.12 | 14.90 | 13.99 | 8.82 | 63 | 2.86 | 20 | 6.95 | 8.13 | 48 | 47 | 40 | 5.4 |
| 8. BREWSTER | 5,226 | 220 | E | 10.73 | 7.17 | 10.18 | 5.61 | 55 | 2.05 | 20 | 3.56 | 10.34 | 26 | 22 | 30 | 2.8 |
| 9. CARVER | 6,988 | 185 | E | 4.93 | 4.78 | 4.78 | 3.07 | 64 | 0.91 | 19 | 2.63 | 4.33 | 30 | 30 | 32 | 1.9 |
| 10. CHARLTON | 6,719 | 191 | C | | | | | | | | | | | | | |
| 11. CHATHAM | 6,071 | 202 | E | 9.62 | 7.80 | 9.43 | 5.19 | 55 | 1.92 | 20 | 6.28 | 12.99 | 29 | 29 | 29 | 3.2 |
| 12. COHASSET | 7,174 | 179 | E | 2:.23 | 20.50 | 21.23 | 14.19 | 67 | 4.99 | 23 | 6.79 | 13.71 | 53 | 50 | 35 | 7.7 |
| 13. DALTON | 6,797 | 190 | W | 8.94 | 8.50 | 8.68 | 5.58 | 64 | 2.07 | 24 | 4.91 | 7.16 | 37.5 | 35 | 40 | 3.7 |
| 14. DIGHTON | 5,352 | 218 | E | 2.23 | 2.23 | 2.23 | 1.38 | 62 | 0.51 | 23 | 3.12 | 3.78 | 15 | 15 | 15 | 0.9 |
| 15. DUDLEY | 8,717 | 163 | C | 3.82 | 3.82 | 3.82 | 2.26 | 59 | 0.78 | 21 | 3.11 | 4.61 | 48 | 48 | 40 | 2.0 |
| 16. EAST BRIDGEWATER | 9,945 | 152 | E | 12.07 | 12.05 | 11.55 | 7.42 | 64 | 2.39 | 21 | 4.86 | 5.14 | 49 | 44 | 35 | 7.3 |
| 17. FREETOWN | 7,058 | 182 | E | 2.53 | 2.53 | 2.30 | 1.17 | 51 | 0.69 | 30 | 1.28 | 2.80 | 28 | 28 | 15 | 1.5 |
| 18. GEORGETOWN | 5,687 | 210 | E | 8.71 | 8.70 | 8.70 | 4.85 | 56 | 2.18 | 25 | 9.45 | 8.66 | 27.5 | 23.5 | 20 | 3.3 |
| 19. GRANBY | 5,380 | 216 | W | 5.73 | 5.71 | 5.66 | 3.42 | 60 | 1.17 | 21 | 3.43 | 4.60 | 25.5 | 25.5 | 35 | 1.8 |
| 20. GREAT BARRINGTON | 7,405 | 174 | W | 13.67 | 12.81 | 13.49 | 6.78 | 50 | 3.10 | 23 | 9.65 | 8.63 | 49 | 48.5 | 40 | 6.1 |
| 21. GROTON | 6,154 | 201 | C | 10.81 | 9.31 | 10.47 | 7.26 | 69 | 2.35 | 22 | 7.49 | 7.02 | 35 | 25 | 36 | 5.0 |
| 22. GROVELAND | 5,040 | 225 | E | 5.76 | 3.55 | 5.76 | 3.06 | 53 | 2.36 | 41 | 3.86 | 5.56 | 26 | 23 | 25 | 2.0 |
| 23. HALIFAX | 5,513 | 213 | E | 8.00 | 7.78 | 8.00 | 4.64 | 58 | 1.99 | 25 | 3.69 | 7.27 | 34.5 | 40 | 40 | 2.9 |
| 24. HAMILTON | 6,960 | 187 | E | 13.17 | 13.17 | 13.14 | 7.66 | 58 | 3.95 | 30 | 5.11 | 8.05 | 46 | 35 | 40 | 5.7 |
| 25. HANSON | 8,617 | 165 | E | 4.48 | 4.43 | 4.22 | 2.84 | 67 | 1.05 | 25 | 2.23 | 4.07 | 36 | 31 | 35 | 2.4 |
| 26. HARWICH | 8,971 | 159 | E | 11.08 | 8.86 | 9.50 | 5.33 | 56 | 2.16 | 23 | 7.09 | 14.35 | 46 | 48 | 35 | 6.4 |

POPULATION GROUP III (5,000 - 9,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP % TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27. HOPKINTON | 7,114 | 180 | C | | | | | | | | 4.32 | 9.48 | | | 40 | 5.3 |
| 28. HULL | 9,714 | 153 | E | 6.74 | 6.74 | 6.74 | 3.92 | 58 | 2.05 | 30 | 5.06 | 4.93 | 49 | 48 | 35 | 3.6 |
| 29. KINGSTON | 7,362 | 176 | E | 12.31 | 11.77 | 11.77 | 7.76 | 66 | 2.75 | 23 | 5.26 | 7.23 | 35 | 32.5 | 35 | 5.1 |
| 30. LAKEVILLE | 5,931 | 206 | E | 3.92 | 3.89 | 3.57 | 2.42 | 68 | 0.60 | 17 | 1.93 | 2.40 | 21 | 21 | 21 | 1.6 |
| 31. LANCASTER | 6,334 | 197 | C | 13.80 | 10.63 | 13.80 | 7.15 | 52 | 2.97 | 21 | 7.57 | 8.81 | 40 | 37 | 35 | 5.0 |
| 32. LEE | 6,247 | 198 | W | 12.28 | 11.41 | 12.28 | 6.35 | 52 | 2.36 | 19 | 8.18 | 7.49 | 36 | 36 | 35 | 3.3 |
| 33. LEICESTER | 9,446 | 155 | C | 4.59 | 4.59 | 4.33 | 2.78 | 64 | 0.94 | 22 | 2.50 | 3.17 | 37 | 30 | 32 | 3.0 |
| 34. LENOX | 6,523 | 193 | W | | | | | | | | | | | | | |
| 35. LINCOLN | 7,098 | 181 | E | 27.90 | 27.76 | 27.90 | 19.06 | 68 | 5.46 | 20 | 8.69 | 12.48 | 59.5 | 52.5 | 37.5 | 10.3 |
| 36. LITTLETON | 6,970 | 186 | C | 9.15 | 8.38 | 9.09 | 6.45 | 71 | 1.78 | 20 | 6.66 | 9.57 | 45 | 45 | 35 | 4.3 |
| 37. LUNENBURG | 8,405 | 167 | C | 9.62 | 9.32 | 9.49 | 5.75 | 61 | 2.07 | 22 | 3.03 | 6.61 | 48 | 44 | 37.5 | 4.9 |
| 38. MANCHESTER | 5,424 | 215 | E | 14.26 | 14.26 | 14.27 | 9.18 | 64 | 3.30 | 23 | 6.78 | 10.51 | 45 | 39 | 37.5 | 3.8 |
| 39. MATTAPOISETT | 5,597 | 212 | E | 6.40 | 6.40 | 6.40 | 3.96 | 62 | 1.26 | 20 | 3.34 | 5.44 | 26 | 36 | 26 | 2.7 |
| 40. MAYNARD | 9,590 | 154 | E | 8.11 | 8.11 | 8.05 | 5.82 | 72 | 1.43 | 18 | 3.40 | 3.73 | 35 | 35 | 35 | 4.5 |
| 41. MEDWAY | 8,447 | 166 | E | 10.35 | 10.35 | 10.24 | 5.93 | 58 | 2.34 | 23 | 4.13 | 5.82 | 40 | 36 | 40 | 4.8 |
| 42. MILLIS | 6,908 | 188 | E | 7.77 | 7.77 | 7.77 | 5.52 | 71 | 1.88 | 24 | 5.75 | 8.14 | 40 | 36 | 35 | 4.2 |
| 43. MONSON | 7,315 | 177 | W | 9.01 | 7.52 | 8.86 | 5.19 | 59 | 2.03 | 23 | 3.79 | 3.51 | 51 | 44 | 35 | 3.8 |
| 44. MONTAGUE | 8,011 | 171 | W | 6.86 | 6.86 | 6.86 | 4.57 | 67 | 1.34 | 20 | 6.73 | 5.75 | 40 | 36 | 35 | 3.7 |
| 45. NANTUCKET | 5,087 | 224 | E | | | | | | | | | | | | | |
| 46. NORFOLK | 6,363 | 194 | E | 9.38 | 9.09 | 9.02 | 5.67 | 63 | 2.17 | 24 | 2.12 | 9.93 | 39 | 37.5 | 35 | 4.1 |
| 47. NORWELL | 9,182 | 156 | E | 13.42 | 12.97 | 12.38 | 7.74 | 63 | 2.63 | 21 | 4.15 | 8.46 | 44 | 44 | 37.5 | 7.4 |
| 48. ORANGE | 6,844 | 189 | W | 7.87 | 6.90 | 7.21 | 4.33 | 60 | 1.70 | 24 | 5.70 | 4.59 | 29 | 29 | 35 | 2.9 |
| 49. ORLEANS | 5,306 | 219 | E | 17.38 | 15.24 | 17.38 | 10.01 | 58 | 4.65 | 27 | 4.38 | 19.91 | 43 | 36 | 40 | 5.1 |
| 50. PEPPERELL | 8,061 | 170 | C | 11.58 | 10.44 | 11.10 | 7.57 | 68 | 2.20 | 20 | 4.54 | 6.83 | 32.5 | 29.5 | 40 | 5.8 |
| 51. PLAINVILLE | 5,857 | 207 | E | 2.53 | 2.53 | 2.53 | 1.43 | 56 | 0.61 | 24 | 1.88 | 1.51 | 25 | 25 | 21 | 1.1 |
| 52. RAYNHAM | 9,085 | 158 | E | 3.49 | 3.17 | 3.49 | 2.24 | 64 | 0.67 | 19 | 2.72 | 4.25 | 36 | 22 | 20 | 2.5 |

POPULATION GROUP III (5,000 - 9,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP $ TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP $ TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | OPEN SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53. REHOBOTH | 7,570 | 173 | E | 1.24 | 1.06 | 1.24 | 0.76 | 61 | 0.32 | 26 | 1.16 | 1.06 | 25 | 16 | 25 | 1.3 |
| 54. ROCKPORT | 6,345 | 196 | E | 12.84 | 12.14 | 12.79 | 9.21 | 72 | 3.02 | 24 | 5.71 | 13.10 | 35 | 35 | 30 | 5.5 |
| 55. SALISBURY | 5,973 | 205 | E | 6.56 | 6.54 | 6.53 | 4.06 | 62 | 1.41 | 22 | 4.33 | 4.52 | 42 | 42 | 37 | 2.9 |
| 56. SANDWICH | 8,727 | 162 | E | 15.55 | 11.07 | 14.79 | 10.52 | 71 | 2.83 | 19 | 4.38 | 11.03 | 42 | 42 | 35 | 7.2 |
| 57. SHIRLEY | 5,124 | 223 | C | | | | | | | | | | | | | |
| 58. SOUTHBOROUGH | 6,193 | 200 | C | 14.65 | 14.47 | 14.52 | 9.65 | 66 | 3.60 | 25 | 6.29 | 11.62 | 48 | 41 | 40 | 4.8 |
| 59. SOUTHWICK | 7,382 | 175 | W | 3.66 | 3.52 | 3.55 | 2.04 | 58 | 1.20 | 34 | 4.15 | 3.51 | 40 | 40 | 35 | 1.5 |
| 60. STERLING | 5,440 | 214 | C | 10.66 | 10.48 | 10.66 | 6.53 | 61 | 2.67 | 25 | 3.75 | 7.24 | 38 | 38 | 40 | 3.7 |
| 61. STOW | 5,144 | 221 | E | 10.01 | 8.31 | 9.67 | 5.06 | 52 | 2.23 | 23 | 5.27 | 5.29 | 35 | 28 | 40 | 2.9 |
| 62. STURBRIDGE | 5,976 | 204 | C | 6.84 | 6.56 | 6.34 | 4.44 | 70 | 1.21 | 19 | 2.75 | 6.92 | 48 | 48 | 20 | 2.8 |
| 63. SUTTON | 5,855 | 208 | C | 3.75 | 3.73 | 3.73 | 2.22 | 60 | 0.93 | 25 | 2.76 | 3.45 | 27 | 27 | 23 | 2.3 |
| 64. TEMPLETON | 6,070 | 203 | C | | | | | | | | | | | | | |
| 65. TOPSFIELD | 5,709 | 209 | E | 12.40 | 11.54 | 12.11 | 7.09 | 59 | 2.93 | 24 | 5.90 | 11.42 | 39 | 41 | 35 | 5.4 |
| 66. TOWNSEND | 7,201 | 178 | C | 7.81 | 4.60 | 4.18 | 2.38 | 57 | 0.98 | 23 | 3.33 | 5.36 | 26 | 19 | 26 | 2.4 |
| 67. TYNGSBOROUGH | 5,683 | 211 | E | 4.12 | 3.62 | 3.98 | 2.18 | 55 | 1.12 | 28 | 2.92 | 4.03 | 29 | 18 | 29 | 1.9 |
| 68. UXBRIDGE | 8,374 | 168 | C | 8.50 | 6.71 | 8.16 | 4.89 | 60 | 2.02 | 25 | 4.66 | 5.47 | 30 | 30 | 35 | 4.1 |
| 69. WARE | 8,953 | 160 | W | 9.37 | 6.82 | 9.09 | 4.57 | 50 | 2.01 | 22 | 4.79 | 6.59 | 33 | 33 | 33 | 4.0 |
| 70. WEST BOYLSTON | 6,204 | 199 | C | 12.38 | 11.51 | 12.10 | 7.94 | 66 | 2.38 | 20 | 5.04 | 4.76 | 29.5 | 23 | 35 | 5.4 |
| 71. WEST BRIDGEWATER | 6,359 | 195 | E | 9.18 | 9.00 | 9.18 | 5.65 | 62 | 2.26 | 25 | 5.14 | 4.62 | 28 | 31 | 40 | 3.1 |
| 72. WESTMINSTER | 5,139 | 222 | C | 9.76 | 9.57 | 9.76 | 6.51 | 67 | 1.95 | 20 | 4.22 | 7.19 | 41 | 41 | 35 | 3.3 |
| 73. WILLIAMSTOWN | 8,741 | 161 | W | 7.39 | 7.37 | 7.26 | 5.62 | 77 | 1.51 | 21 | 3.24 | 8.63 | 40 | 38 | 35 | 4.6 |
| 74. WINCHENDON | 7,019 | 183 | C | 5.80 | 5.80 | 5.30 | 3.13 | 59 | 1.22 | 23 | 3.64 | 3.64 | 30 | 24 | 31 | 2.0 |
| 75. WRENTHAM | 7,580 | 172 | E | 8.93 | 8.82 | 8.91 | 5.87 | 66 | 2.25 | 25 | 3.51 | 5.23 | 51.5 | 47.5 | 35 | 4.0 |

# Population Group IV
# (10,000-24,999)

POPULATION GROUP IV (10,000 - 24,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP % TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. ABINGTON | 13,517 | 119 | E | 7.74 | 7.04 | 7.31 | 5.48 | 75 | 1.43 | 20 | 2.99 | 5.62 | 49.5 | 42.5 | 35 | 6.5 |
| 2. ACTON | 17,544 | 91 | E | 13.77 | 13.74 | 13.64 | 9.73 | 71 | 2.18 | 16 | 3.59 | 11.64 | 67 | 55 | 35 | 12.5 |
| 3. ADAMS | 10,381 | 150 | W | 9.51 | 8.91 | 9.40 | 6.80 | 72 | 1.63 | 17 | 3.69 | 7.82 | 55 | 55 | 35 | 5.5 |
| 4. AMESBURY | 13,971 | 112 | E | 13.20 | 12.46 | 13.09 | 9.34 | 71 | 2.79 | 21 | 7.27 | 8.79 | 62 | 57 | 35 | 11.0 |
| 5. ATHOL | 10,634 | 148 | C | 11.47 | 10.92 | 10.89 | 7.15 | 66 | 2.02 | 19 | 2.94 | 8.67 | 62 | 53 | 40 | 7.3 |
| 6. AUBURN | 14,845 | 107 | C | 14.63 | 14.34 | 14.22 | 9.76 | 69 | 2.44 | 17 | 3.35 | 7.74 | 61.5 | 51.5 | 35 | 12.5 |
| 7. BEDFORD | 13,067 | 125 | E | 20.42 | 20.09 | 20.33 | 14.16 | 70 | 4.37 | 21 | 6.03 | 8.64 | 67 | 64 | 40 | 15.1 |
| 8. BELLINGHAM | 14,300 | 109 | E | 3.64 | 3.64 | 3.34 | 2.13 | 64 | 0.95 | 28 | 1.25 | 3.35 | 45 | 39 | 35 | 2.9 |
| 9. BOURNE | 13,874 | 113 | E | 9.64 | 9.25 | 9.00 | 6.39 | 71 | 1.47 | 16 | 3.20 | 5.77 | 56 | 56 | 37.5 | 7.6 |
| 10. BRIDGEWATER | 17,202 | 94 | E | 11.92 | 11.63 | 11.28 | 7.59 | 67 | 2.17 | 19 | 4.60 | 7.12 | 52 | 38 | 35 | 13.0 |
| 11. BURLINGTON | 23,486 | 68 | E | 8.78 | 8.72 | 8.62 | 6.46 | 75 | 1.33 | 15 | 2.72 | 4.86 | 61 | 52 | 35 | 11.6 |
| 12. CANTON | 18,182 | 87 | E | 16.92 | 16.36 | 15.92 | 11.63 | 73 | 2.63 | 17 | 4.60 | 7.35 | 51.5 | 51.5 | 35 | 13.3 |
| 13. CLINTON | 12,771 | 127 | C | 6.09 | 6.09 | 6.01 | 4.26 | 71 | 1.09 | 18 | 6.54 | 2.52 | 43 | 43 | 37 | 5.3 |
| 14. CONCORD | 16,293 | 101 | E | 34.33 | 25.12 | 33.46 | 22.49 | 67 | 5.11 | 15 | 12.99 | 14.75 | 68 | 60 | 37.5 | 25.4 |
| 15. DANVERS | 24,100 | 65 | E | 13.58 | 12.03 | 13.58 | 9.71 | 71 | 2.66 | 20 | 4.50 | 7.53 | 64 | 60 | 37.5 | 18.7 |
| 16. DARTMOUTH | 23,966 | 66 | E | 9.15 | 8.82 | 8.95 | 5.84 | 65 | 1.49 | 17 | 3.99 | 8.14 | 63 | 63 | 35 | 12.5 |
| 17. DENNIS | 12,360 | 130 | E | 5.35 | 2.61 | 4.19 | 1.13 | 27 | 1.28 | 31 | 4.30 | 5.26 | 40 | 38 | 30 | 2.4 |
| 18. DRACUT | 21,249 | 73 | E | 7.12 | 7.10 | 7.09 | 4.50 | 63 | 1.07 | 15 | 1.62 | 3.29 | 60 | 46 | 35 | 7.1 |
| 19. DUXBURY | 11,807 | 137 | E | 18.23 | 16.87 | 17.63 | 11.60 | 66 | 3.09 | 18 | 4.84 | 10.18 | 62 | 58 | 40 | 12.4 |
| 20. EAST LONGMEADOW | 12,905 | 126 | W | 14.36 | 14.13 | 14.09 | 9.30 | 66 | 2.34 | 17 | 4.19 | 13.44 | 62 | 52 | 37 | 9.5 |
| 21. EASTHAMPTON | 15,580 | 105 | W | | | | | | | | 2.15 | 4.17 | | | 35 | 4.6 |
| 22. EASTON | 16,623 | 96 | E | 6.93 | 1.00 | 6.00 | 3.28 | 55 | 0.92 | 15 | 2.92 | 3.99 | 50 | 28 | 35 | 6.5 |
| 23. FAIRHAVEN | 15,759 | 103 | E | 12.53 | 10.17 | 12.14 | 5.76 | 47 | 2.21 | 18 | 5.51 | 5.89 | 60 | 60 | 37 | 8.8 |
| 24. FALMOUTH | 23,640 | 67 | E | 19.54 | 16.18 | 17.39 | 11.20 | 64 | 3.01 | 17 | 6.26 | 13.05 | 56 | 64.5 | 37.5 | 21.8 |
| 25. FOXBOROUGH | 14,148 | 110 | E | 11.37 | 11.16 | 10.81 | 7.16 | 66 | 1.91 | 18 | 4.39 | 6.70 | 43 | 45 | 35 | 7.9 |
| 26. FRANKLIN | 18,217 | 86 | E | 6.16 | 6.16 | 5.82 | 4.05 | 70 | 0.93 | 16 | 3.07 | 4.90 | 50 | 42 | 35 | 7.0 |

POPULATION GROUP IV (10,000 - 24,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY $ PER CAP | SALARY EXP % TOT EXP | MATERLS $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS OPEN SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27. GARDNER | 17,900 | 90 | C | 15.87 | 10.07 | 11.59 | 7.33 | 63 | 2.20 | 19 | 3.81 | 9.10 | 62.5 | 54.5 | 37.5 | 11.8 |
| 28. GRAFTON | 11,238 | 143 | C | | | | | | | | | | | | | |
| 29. GREENFIELD | 18,436 | 85 | W | 9.62 | 9.20 | 9.35 | 7.15 | 76 | 1.43 | 15 | 6.53 | 8.66 | 51 | 41 | 37.5 | 9.6 |
| 30. HANOVER | 11,358 | 141 | E | 7.93 | 7.14 | 7.93 | 5.38 | 68 | 1.58 | 20 | 4.73 | 8.27 | 51 | 36 | 35 | 4.9 |
| 31. HARVARD | 12,170 | 133 | C | 4.91 | 4.58 | 4.91 | 2.67 | 54 | 1.63 | 33 | 2.54 | 2.75 | 44 | 44 | 30 | 3.6 |
| 32. HINGHAM | 20,339 | 77 | E | | | | | | | | 8.77 | 17.37 | | | 35 | 21.7 |
| 33. HOLBROOK | 11,140 | 146 | E | 8.35 | 8.28 | 8.04 | 5.47 | 68 | 1.38 | 17 | 3.45 | 5.71 | 40 | 40 | 37.5 | 6.2 |
| 34. HOLDEN | 13,336 | 123 | C | 12.88 | 12.76 | 12.53 | 9.02 | 72 | 2.12 | 17 | 3.20 | 10.82 | 52 | 41 | 35 | 8.7 |
| 35. HOLLISTON | 12,622 | 129 | E | 7.29 | 6.97 | 7.22 | 4.86 | 67 | 1.34 | 19 | 3.40 | 7.30 | 52 | 44 | 37.5 | 5.7 |
| 36. HUDSON | 16,408 | 97 | C | 9.62 | 9.50 | 9.60 | 6.87 | 72 | 1.57 | 16 | 2.51 | 5.36 | 61 | 53 | 37.5 | 9.6 |
| 37. IPSWICH | 11,158 | 145 | E | 11.98 | 11.98 | 11.80 | 8.22 | 70 | 2.46 | 21 | 5.78 | 7.57 | 54.5 | 42 | 37.5 | 8.1 |
| 38. LONGMEADOW | 16,301 | 100 | W | 13.45 | 11.12 | 12.55 | 8.00 | 64 | 2.05 | 16 | 3.56 | 13.01 | 57 | 50 | 36.3 | 11.3 |
| 39. LUDLOW | 18,150 | 88 | W | 6.16 | 6.13 | 5.95 | 4.07 | 68 | 1.35 | 23 | 1.68 | 3.37 | 54.5 | 49.5 | 40 | 6.9 |
| 40. LYNNFIELD | 11,267 | 142 | E | 16.14 | 15.88 | 15.88 | 11.07 | 70 | 3.70 | 23 | 5.63 | 11.78 | 67 | 56 | 35 | 9.4 |
| 41. MANSFIELD | 13,453 | 121 | E | 8.31 | 8.10 | 8.10 | 5.77 | 71 | 1.57 | 19 | 2.66 | 6.27 | 48 | 40 | 36 | 6.4 |
| 42. MARBLEHEAD | 20,126 | 79 | E | 18.95 | 18.90 | 18.80 | 13.25 | 70 | 3.92 | 21 | 4.60 | 12.07 | 64 | 60 | 40 | 20.7 |
| 43. MARSHFIELD | 20,916 | 75 | E | 8.34 | 8.22 | 8.21 | 6.53 | 80 | 1.50 | 18 | 2.43 | 7.12 | 55.5 | 55.5 | 37.5 | 10.9 |
| 44. MEDFIELD | 10,220 | 151 | E | 7.31 | 6.54 | 7.12 | 4.57 | 64 | 1.54 | 22 | 2.79 | 7.42 | 43.5 | 41.5 | 37.5 | 4.8 |
| 45. MIDDLEBOROUGH | 16,404 | 98 | E | | | | | | | | | | | | | |
| 46. MILFORD | 23,390 | 69 | C | 3.70 | 3.70 | 3.70 | 2.68 | 72 | 0.75 | 20 | 1.92 | 4.68 | 50 | 40 | 35 | 5.0 |
| 47. MILLBURY | 11,808 | 136 | C | 6.59 | 6.59 | 6.20 | 3.80 | 61 | 1.65 | 27 | 2.54 | 4.50 | 41 | 41 | 40 | 3.7 |
| 48. NEWBURYPORT | 15,900 | 102 | E | 11.21 | 10.10 | 10.52 | 7.33 | 70 | 1.77 | 17 | 4.30 | 6.54 | 53 | 56 | 35 | 10.3 |
| 49. NORTH ADAMS | 18,063 | 89 | W | 6.29 | 6.29 | 6.29 | 5.08 | 81 | 0.94 | 15 | 2.37 | 3.24 | 53 | 49 | 37.5 | 8.1 |
| 50. NORTH ANDOVER | 20,129 | 78 | E | 11.27 | 10.32 | 11.05 | 7.46 | 68 | 1.90 | 17 | 2.92 | 5.60 | 67 | 56 | 38 | 10.9 |
| 51. NORTH ATTLEBOROUGH | 21,095 | 74 | E | 5.97 | 5.81 | 5.97 | 4.08 | 68 | 0.99 | 17 | 1.74 | 4.26 | 50 | 39 | 37 | 10.3 |
| 52. NORTH READING | 11,455 | 139 | E | 9.11 | 8.75 | 8.76 | 6.74 | 77 | 1.64 | 19 | 3.22 | 7.41 | 54 | 48 | 35 | 6.3 |

POPULATION GROUP IV (10,000 - 24,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP $ TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP $ TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53. NORTHBOROUGH | 10,568 | 149 | C | 18.63 | 17.84 | 17.71 | 11.24 | 63 | 3.65 | 21 | 4.44 | 12.07 | 54 | 54 | 40 | 10.6 |
| 54. NORTHBRIDGE | 12,246 | 132 | C | 8.75 | 6.84 | 8.41 | 4.37 | 52 | 1.86 | 22 | 3.89 | 5.00 | 40.5 | 37.5 | 35 | 4.6 |
| 55. NORTON | 12,690 | 128 | E | 5.30 | 4.96 | 5.30 | 3.17 | 60 | 1.20 | 23 | 2.25 | 3.70 | 44 | 40 | 35 | 4.4 |
| 56. OXFORD | 11,680 | 138 | C | 7.33 | 7.28 | 7.24 | 5.22 | 72 | 1.20 | 17 | 3.07 | 3.06 | 40 | 36 | 35 | 6.0 |
| 57. PALMER | 11,389 | 140 | W | 12.35 | 11.83 | 12.35 | 7.64 | 62 | 1.98 | 16 | 4.24 | 11.88 | 57 | 47 | 35 | 9.3 |
| 58. PEMBROKE | 13,487 | 120 | E | 5.00 | 4.80 | 4.78 | 2.98 | 62 | 0.93 | 20 | 3.18 | 5.25 | 44 | 44 | 35 | 3.6 |
| 59. READING | 22,678 | 70 | E | 14.53 | 14.40 | 14.29 | 10.36 | 73 | 2.55 | 18 | 3.66 | 10.77 | 68.5 | 60 | 37.5 | 19.6 |
| 60. ROCKLAND | 15,695 | 104 | E | 6.15 | 6.01 | 6.15 | 4.54 | 74 | 0.99 | 16 | 2.46 | 5.89 | 53 | 47 | 35 | 7.3 |
| 61. SAUGUS | 24,746 | 63 | E | 5.63 | 5.60 | 5.60 | 4.25 | 76 | 0.83 | 15 | 3.05 | 3.38 | 61.5 | 50.5 | 37.5 | 9.8 |
| 62. SCITUATE | 17,317 | 93 | E | 13.38 | 12.46 | 12.23 | 8.47 | 69 | 2.15 | 18 | 3.84 | 9.95 | 60 | 56 | 35 | 9.3 |
| 63. SEEKONK | 12,269 | 131 | E | 8.93 | 8.87 | 8.90 | 5.80 | 65 | 2.54 | 29 | 3.03 | 8.49 | 49 | 49 | 32.5 | 6.9 |
| 64. SHARON | 13,601 | 117 | E | 13.03 | 12.97 | 13.03 | 8.84 | 68 | 2.77 | 21 | 4.79 | 10.49 | 44 | 44 | 37.5 | 9.8 |
| 65. SHREWSBURY | 22,674 | 71 | C | 17.13 | 16.46 | 16.74 | 9.32 | 56 | 3.11 | 19 | 4.02 | 8.69 | 59 | 55 | 37.5 | 18.4 |
| 66. SOMERSET | 18,813 | 82 | E | 9.70 | 9.70 | 9.70 | 6.78 | 70 | 1.67 | 17 | 3.53 | 8.07 | 71 | 68 | 35 | 12.2 |
| 67. SOUTH HADLEY | 16,399 | 99 | W | 11.11 | 11.11 | 11.11 | 7.88 | 71 | 1.89 | 17 | 2.89 | 7.25 | 54 | 48 | 35 | 9.7 |
| 68. SOUTHBRIDGE | 16,665 | 95 | C | 11.33 | 11.12 | 10.96 | 6.85 | 62 | 2.36 | 21 | 3.19 | 6.43 | 58 | 58 | 37.5 | 10.5 |
| 69. SPENCER | 10,774 | 147 | C | 6.47 | 4.75 | 6.47 | 3.86 | 60 | 1.46 | 23 | 2.53 | 5.14 | 41 | 41 | 24 | 3.4 |
| 70. STONEHAM | 21,424 | 72 | E | 13.41 | 13.41 | 12.88 | 9.29 | 72 | 2.42 | 19 | 3.46 | 7.23 | 59 | 51 | 35 | 14.9 |
| 71. SUDBURY | 14,027 | 111 | E | 14.88 | 14.69 | 14.88 | 10.75 | 72 | 2.39 | 16 | 3.96 | 13.39 | 64 | 52 | 35 | 11.2 |
| 72. SWAMPSCOTT | 13,837 | 114 | E | 13.90 | 13.64 | 13.90 | 10.15 | 73 | 2.50 | 18 | 5.24 | 7.87 | 60 | 52 | 35 | 10.2 |
| 73. SWANSEA | 15,461 | 106 | E | 5.07 | 4.72 | 5.07 | 2.55 | 50 | 1.39 | 27 | 3.33 | 4.60 | 50 | 50 | 37.5 | 4.7 |
| 74. TEWKSBURY | 24,635 | 64 | E | 5.47 | 5.47 | 5.47 | 3.99 | 73 | 0.88 | 16 | 1.53 | 3.01 | 58 | 51 | 37.5 | 6.4 |
| 75. WAKEFIELD | 24,895 | 62 | E | 17.28 | 17.28 | 17.00 | 11.23 | 66 | 2.92 | 17 | 4.43 | 7.02 | 61 | 53 | 35 | 18.3 |
| 76. WALPOLE | 18,859 | 81 | E | 11.91 | 11.57 | 11.82 | 7.70 | 65 | 2.81 | 24 | 5.08 | 7.56 | 63 | 55 | 35 | 12.9 |
| 77. WAREHAM | 18,457 | 83 | E | 6.71 | 6.30 | 6.71 | 4.50 | 67 | 1.52 | 23 | 1.66 | 3.65 | 53 | 50 | 35 | 6.5 |
| 78. WAYLAND | 12,170 | 133 | E | 19.99 | 19.86 | 19.99 | 14.16 | 71 | 4.06 | 20 | 5.38 | 13.38 | 67 | 57 | 35 | 12.6 |

POPULATION GROUP IV (10,000 - 24,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP % TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 79. WEBSTER | 14,480 | 108 | C | 6.22 | 5.63 | 6.22 | 4.66 | 75 | 0.97 | 16 | 2.56 | 5.19 | 45 | 45 | 35 | 6.5 |
| 80. WESTBOROUGH | 13,619 | 116 | C | 15.19 | 14.51 | 14.27 | 9.70 | 68 | 2.65 | 19 | 3.41 | 8.99 | 53 | 53 | 35 | 11.1 |
| 81. WESTFORD | 13,434 | 122 | E | 13.35 | 12.38 | 12.46 | 9.40 | 75 | 2.05 | 16 | 4.81 | 8.10 | 59 | 44 | 37.5 | 9.9 |
| 82. WESTON | 11,169 | 144 | E | 20.02 | 19.54 | 19.90 | 13.98 | 70 | 3.81 | 19 | 5.10 | 12.58 | 56 | 46 | 37.5 | 12.1 |
| 83. WESTPORT | 13,763 | 115 | E | 5.47 | 5.40 | 5.33 | 3.43 | 64 | 0.92 | 17 | 2.13 | 5.22 | 42 | 42 | 35 | 4.6 |
| 84. WESTWOOD | 13,212 | 124 | E | 21.56 | 21.35 | 21.22 | 15.30 | 72 | 3.29 | 16 | 7.75 | 12.28 | 64 | 60 | 35 | 15.3 |
| 85. WHITMAN | 13,534 | 118 | E | 3.67 | 3.25 | 3.59 | 2.26 | 63 | 0.87 | 24 | 2.22 | 2.26 | 48.5 | 48.5 | 35 | 3.6 |
| 86. WILBRAHAM | 12,053 | 135 | W | 12.22 | 12.12 | 11.55 | 6.43 | 56 | 2.44 | 21 | 4.53 | 9.44 | 51 | 44 | 35 | 7.9 |
| 87. WILMINGTON | 17,471 | 92 | E | 10.51 | 10.51 | 10.51 | 8.11 | 77 | 2.11 | 20 | 4.46 | 6.98 | 60 | 52 | 35 | 11.2 |
| 88. WINCHESTER | 20,701 | 76 | E | 23.80 | 21.93 | 23.39 | 14.62 | 63 | 5.82 | 25 | 5.45 | 12.00 | 52.5 | 41.5 | 35 | 19.5 |
| 89. WINTHROP | 19,294 | 80 | E | 7.38 | 7.38 | 7.37 | 5.57 | 76 | 1.16 | 16 | 4.55 | 3.75 | 50 | 43 | 35 | 8.6 |
| 90. YARMOUTH | 18,449 | 84 | E | 6.53 | 5.40 | 6.07 | 3.00 | 49 | 1.56 | 26 | 3.46 | 10.01 | 50 | 50 | 35 | 6.9 |

# Population Group V
# (25,000-49,999)

POPULATION GROUP V (25,000 - 49,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY $ PER CAP | SALARY EXP % TOT EXP | MATERLS $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS OPEN SUM | HRS/ WORK WEEK | FTE LESS CLTA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. AGAWAM | 26,271 | 57 | W | 9.93 | 9.73 | 9.32 | 5.30 | 57 | 2.02 | 22 | 3.00 | 5.40 | 65 | 57 | 35 | 12.1 |
| 2. AMHERST | 33,229 | 41 | W | 12.48 | 11.43 | 12.47 | 8.07 | 65 | 2.36 | 19 | 3.54 | 7.26 | 63 | 59 | 37.5 | 28.2 |
| 3. ANDOVER | 26,370 | 56 | E | 27.14 | 27.14 | 27.14 | 18.01 | 66 | 4.34 | 16 | 6.76 | 12.25 | 71 | 60 | 37.5 | 34.3 |
| 4. ARLINGTON | 48,219 | 22 | E | 14.63 | 14.29 | 14.41 | 11.17 | 77 | 1.85 | 13 | 3.62 | 8.73 | 66 | 57 | 35 | 42.2 |
| 5. ATTLEBORO | 34,196 | 40 | E | 7.24 | 6.71 | 7.25 | 4.62 | 64 | 1.58 | 22 | 3.54 | 4.58 | 63 | 50 | 35 | 14.3 |
| 6. BARNSTABLE | 30,898 | 43 | E | 17.40 | 10.57 | 16.43 | 8.36 | 51 | 2.78 | 17 | 5.72 | 10.58 | 61 | 63 | 35 | 24.4 |
| 7. BELMONT | 26,100 | 58 | E | 20.61 | 20.61 | 20.48 | 15.43 | 75 | 2.55 | 12 | 5.27 | 11.39 | 68 | 56 | 35 | 26.1 |
| 8. BEVERLY | 37,655 | 30 | E | 10.53 | 9.86 | 10.44 | 7.66 | 73 | 1.76 | 17 | 3.58 | 6.27 | 63 | 52 | 35 | 20.6 |
| 9. BILLERICA | 36,727 | 32 | E | 6.15 | 6.15 | 6.15 | 4.21 | 69 | 0.84 | 14 | 1.41 | 3.34 | 64 | 56 | 37.5 | 11.7 |
| 10. BRAINTREE | 36,337 | 36 | E | 13.10 | 12.90 | 12.19 | 8.65 | 71 | 1.84 | 15 | 3.02 | 5.85 | 61 | 52.5 | 38 | 23.9 |
| 11. CHELMSFORD | 31,174 | 42 | E | 11.59 | 11.14 | 11.51 | 7.72 | 67 | 2.18 | 19 | 3.22 | 7.54 | 66 | 63 | 37.5 | 20.8 |
| 12. CHELSEA | 25,431 | 60 | E | 9.14 | 9.14 | 9.14 | 6.60 | 72 | 1.82 | 20 | 5.77 | 4.96 | 63 | 42 | 35 | 12.0 |
| 13. DEDHAM | 25,298 | 61 | E | 12.26 | 11.36 | 11.97 | 8.30 | 69 | 2.05 | 17 | 6.29 | 6.64 | 64 | 56 | 37.5 | 17.2 |
| 14. EVERETT | 37,195 | 31 | E | 9.15 | 8.81 | 9.05 | 6.76 | 75 | 1.47 | 16 | 5.09 | 4.41 | 72 | 56 | 36 | 20.3 |
| 15. FITCHBURG | 39,580 | 28 | C | 13.44 | 12.29 | 13.50 | 9.22 | 68 | 2.11 | 16 | 4.71 | 6.48 | 65 | 54 | 37.5 | 30.8 |
| 16. GLOUCESTER | 27,768 | 52 | E | 10.71 | 9.59 | 10.65 | 8.04 | 76 | 1.57 | 15 | 3.78 | 5.77 | 63 | 59 | 32.5 | 15.0 |
| 17. HAVERHILL | 46,865 | 23 | E | 9.25 | 6.92 | 8.91 | 5.73 | 64 | 1.28 | 14 | 3.56 | 4.87 | 65.5 | 61.5 | 40 | 20.4 |
| 18. HOLYOKE | 44,678 | 26 | W | 4.93 | 4.35 | 4.93 | 3.11 | 63 | 0.98 | 20 | 3.40 | 2.57 | 63 | 56 | 35 | 13.6 |
| 19. LEOMINSTER | 34,508 | 38 | C | 9.61 | 9.27 | 9.61 | 6.57 | 68 | 1.50 | 16 | 2.98 | 5.59 | 61 | 57 | 37.5 | 18.3 |
| 20. LEXINGTON | 29,479 | 47 | E | 26.04 | 23.27 | 25.89 | 16.92 | 65 | 4.57 | 18 | 7.16 | 16.35 | 70 | 66 | 37 | 41.0 |
| 21. MARLBOROUGH | 30,617 | 44 | E | 9.45 | 8.99 | 9.30 | 6.40 | 69 | 1.60 | 17 | 3.75 | 6.66 | 63 | 54.5 | 35 | 18.1 |
| 22. MELROSE | 30,055 | 45 | E | 10.23 | 9.99 | 9.81 | 6.66 | 68 | -2.20 | 22 | 4.03 | 6.92 | 65 | 56 | 37 | 17.8 |
| 23. METHUEN | 36,701 | 33 | E | 4.16 | 1.04 | 3.68 | 2.31 | 63 | 0.76 | 21 | 1.41 | 2.58 | 63 | 51 | 35 | 9.4 |
| 24. MILTON | 25,860 | 59 | E | 14.44 | 13.79 | 14.43 | 10.40 | 72 | 2.30 | 16 | 5.38 | 8.46 | 68 | 60 | 37.5 | 17.9 |
| 25. NATICK | 29,461 | 48 | E | 15.83 | 14.76 | 15.85 | 10.91 | 69 | 2.37 | 15 | 5.07 | 8.35 | 65.5 | 54 | 37.5 | 22.8 |
| 26. NEEDHAM | 27,901 | 51 | E | 18.00 | 17.47 | 17.15 | 11.60 | 68 | 3.13 | 18 | 4.72 | 11.06 | 68 | 56.5 | 37.5 | 24.2 |

POPULATION GROUP V (25,000 - 49,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP % TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27. NORTHAMPTON | 29,286 | 49 | W | 15.45 | 12.24 | 14.77 | 10.07 | 68 | 2.28 | 15 | 12.31 | 9.41 | 66 | 66 | 37.5 | 28.3 |
| 28. NORWOOD | 29,711 | 46 | E | 13.37 | 13.37 | 13.37 | 9.73 | 73 | 1.71 | 13 | 2.85 | 7.14 | 72 | 60 | 35 | 19.6 |
| 29. PEABODY | 45,976 | 24 | E | 8.98 | 7.12 | 8.16 | 4.49 | 55 | 1.61 | 20 | 1.81 | 2.26 | 69 | 65 | 35 | 15.0 |
| 30. PLYMOUTH | 35,913 | 37 | E | 9.77 | 9.77 | 9.28 | 6.81 | 73 | 1.38 | 15 | 2.39 | 5.76 | 60 | 52 | 37.5 | 17.9 |
| 31. RANDOLPH | 28,218 | 50 | E | 6.91 | 6.91 | 6.90 | 4.72 | 68 | 1.23 | 18 | 2.49 | 5.55 | 60 | 46 | 35 | 10.8 |
| 32. REVERE | 42,423 | 27 | E | 2.70 | 2.70 | 2.70 | 2.05 | 76 | 0.35 | 13 | 1.55 | 1.13 | 64 | 46 | 40 | 9.7 |
| 33. SALEM | 38,220 | 29 | E | 13.06 | 11.41 | 13.04 | 8.65 | 66 | 2.23 | 17 | 5.02 | 5.36 | 64 | 64 | 35 | 23.0 |
| 34. STOUGHTON | 26,710 | 55 | E | 11.30 | 11.30 | 11.30 | 7.38 | 65 | 2.10 | 19 | 4.15 | 7.03 | 57 | 49 | 35 | 13.2 |
| 35. TAUNTON | 45,001 | 25 | E | 6.26 | 6.18 | 6.26 | 4.53 | 72 | 0.91 | 14 | 5.38 | 4.71 | 64 | 55 | 35 | 19.7 |
| 36. WATERTOWN | 34,384 | 39 | E | 19.62 | 19.56 | 19.26 | 14.54 | 75 | 2.62 | 14 | 3.89 | 5.51 | 60 | 49 | 37 | 33.1 |
| 37. WELLESLEY | 27,209 | 53 | E | 25.29 | 24.87 | 25.15 | 17.50 | 70 | 4.02 | 16 | 7.93 | 11.75 | 70 | 67 | 35 | 29.7 |
| 38. WEST SPRINGFIELD | 27,042 | 54 | W | 8.57 | 8.16 | 8.11 | 5.57 | 69 | 1.21 | 15 | 3.28 | 5.72 | 50 | 37 | 37.5 | 11.3 |
| 39. WESTFIELD | 36,465 | 35 | W | 10.82 | 8.09 | 10.82 | 7.56 | 70 | 1.45 | 13 | 4.06 | 9.17 | 63 | 54.5 | 37 | 25.0 |
| 40. WOBURN | 36,626 | 34 | E | 7.75 | 6.80 | 6.32 | 4.78 | 76 | 0.84 | 13 | 2.73 | 2.89 | 64 | 47 | 37.5 | 13.6 |

# Population Group VI
# (50,000-99,999)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP % TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. BROCKTON | 95,172 | 6 | E | 7.97 | 7.91 | 7.94 | 6.04 | 76 | 0.96 | 12 | 3.02 | 4.89 | 64 | 52 | 35 | 43.6 |
| 2. BROOKLINE | 55,062 | 19 | E | 24.69 | 24.15 | 24.61 | 17.24 | 70 | 4.56 | 19 | 6.65 | 8.73 | 63 | 57 | 37 | 55.7 |
| 3. CAMBRIDGE | 95,322 | 5 | E | 13.14 | 13.11 | 12.87 | 10.38 | 81 | 1.52 | 12 | 4.53 | 6.31 | 68 | 60 | 37.5 | 69.7 |
| 4. CHICOPEE | 55,112 | 18 | W | 6.50 | 6.50 | 6.37 | 4.99 | 78 | 0.81 | 13 | 1.91 | 3.76 | 63 | 49 | 35 | 24.6 |
| 5. FALL RIVER | 92,574 | 7 | E | 4.99 | 4.88 | 4.74 | 3.33 | 70 | 0.84 | 18 | 3.49 | 2.67 | 64 | 56 | 35 | 27.0 |
| 6. FRAMINGHAM | 65,113 | 13 | E | 13.91 | 13.34 | 13.21 | 9.98 | 76 | 2.01 | 15 | 3.21 | 7.57 | 67.5 | 60.5 | 37.5 | 45.5 |
| 7. LAWRENCE | 63,175 | 14 | E | 7.60 | 7.48 | 7.47 | 4.43 | 59 | 0.91 | 12 | 3.77 | 1.48 | 64 | 40 | 35 | 18.1 |
| 8. LOWELL | 92,418 | 8 | E | 4.43 | 4.30 | 4.20 | 3.35 | 80 | 0.52 | 12 | 2.02 | 1.84 | 64 | 49 | 35 | 26.3 |
| 9. LYNN | 78,471 | 11 | E | 7.46 | 7.30 | 7.46 | 5.63 | 75 | 1.11 | 15 | 3.33 | 2.32 | 63 | 43 | 35 | 28.0 |
| 10. MALDEN | 53,386 | 20 | E | 9.17 | 7.68 | 8.37 | 5.67 | 68 | 1.33 | 16 | 4.03 | 3.07 | 66 | 54 | 35 | 24.5 |
| 11. MEDFORD | 58,076 | 16 | E | 8.53 | 8.53 | 8.40 | 6.59 | 79 | 1.05 | 13 | 2.04 | 2.84 | 65 | 57 | 35 | 25.3 |
| 12. NEW BEDFORD | 98,478 | 4 | E | 7.69 | 6.56 | 7.69 | 5.52 | 72 | 1.14 | 15 | 4.38 | 4.11 | 64 | 64 | 35 | 56.1 |
| 13. NEWTON | 83,622 | 10 | E | 14.69 | 14.35 | 14.64 | 10.81 | 74 | 2.29 | 16 | 4.36 | 7.19 | 69 | 62 | 37.5 | 67.4 |
| 14. PITTSFIELD | 51,974 | 21 | W | 9.23 | 8.89 | 9.45 | 7.49 | 79 | 1.12 | 12 | 5.70 | 8.15 | 63 | 59 | 35 | 28.3 |
| 15. QUINCY | 84,743 | 9 | E | 11.21 | 10.20 | 10.63 | 7.63 | 72 | 1.37 | 13 | 2.65 | 4.31 | 61 | 54 | 35 | 38.4 |
| 16. SOMERVILLE | 77,372 | 12 | E | 8.40 | 8.16 | 8.36 | 6.73 | 80 | 1.09 | 13 | 2.81 | 2.34 | 61 | 57 | 35 | 36.6 |
| 17. WALTHAM | 58,200 | 15 | E | 6.03 | 6.03 | 6.03 | 5.04 | 84 | 0.77 | 13 | 2.53 | 4.19 | 60 | 52 | 35 | 18.7 |
| 18. WEYMOUTH | 55,601 | 17 | E | 8.48 | 8.26 | 8.31 | 6.33 | 76 | 1.02 | 12 | 2.83 | 5.23 | 67 | 56 | 35 | 24.7 |

# Population Group VII
# (100,000+)

| MUNICIPALITY | '80 POP | POP RNK | REG | TOT OPRTG INC $ P C | APPRO MUNIC INC $ P C | TOT OPRTG EXP $ P C | SALARY EXP $ PER CAP | SALARY EXP % TOT EXP | MATERLS EXP $ PER CAP | MATERLS EXP % TOT EXP | HLDGS P C | CIRC P C | HOURS WIN | HOURS SUM | HRS/ WORK WEEK | FTE LESS CETA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. BOSTON | 562,994 | 1 | E | 20.85 | 20.35 | 19.98 | 13.00 | 65 | 2.97 | 15 | 9.25 | 2.89 | 64 | 52 | 35 | 467+ |
| 2. SPRINGFIELD | 152,319 | 3 | W | 18.17 | 16.42 | 18.17 | 13.69 | 75 | 2.33 | 13 | 4.82 | 6.20 | 64 | 52 | 37.5 | 148.3 |
| 3. WORCESTER | 161,799 | 2 | C | 14.33 | 13.36 | 13.00 | 9.58 | 74 | 1.76 | 14 | 5.42 | 4.37 | 58.5 | 54.5 | 40 | 127.1 |

# Section Three:
# FY84 Library Incentive Grant Application
# Page 2

## Annual Report Information Survey
## Last Page

## A. TOTAL OPERATING INCOME (in whole dollars)

1. Appropriated Municipal Income
   - a. Municipal Appropriation .....
   - b. Carry-over .....
   - c. Library Incentive Grant .....
   - d. Dog Tax Fund .....
   - e. Federal Revenue Sharing .....
   - f. Other .....

BOX A

Total Appropriated Municipal Income

2. Additional Monies — Nongrant
   - a. Trusts and Endowments .....
   - b. Monetary Gifts .....
   - c. Miscellaneous .....

3. Additional Monies — Grant
   - a. Non-governmental Grants .....
   - b. LSCA .....
   - c. Other Federal Grants .....
   - d. Other State Grants .....
   - e. Regional & Subregional Monies .....

## C. CAPITAL PROGRAMS & OUTLAYS*

1. Income
   - a. Appropriated Municipal Income .....
   - b. Additional Monies .....

BOX C1

TOTAL

2. Expenditures .....

BOX C2

*Funds reported in Section C should not be reported in Sections A or B

## B. TOTAL OPERATING EXPENDITURES (in whole dollars)

**Report from A1 and A2 above, exclude A3 above.**

1. Salaries .....

Box B1

Total Salary Expenditures

2 a. Library Print Materials
   - 1. books .....
   - 2. periodicals .....
   - 3. microforms .....

Library Print Materials Subtotal

b. Library Non-Print & Additional Materials .....

Box B2

Total Materials Expenditures

Box B

Total Operating Expenditures

Box B3

Other Operating Expenditures

3. Other Operating Expenditures .....

## INSTRUCTIONS - FISCAL YEAR 1984 LIBRARY INCENTIVE GRANT APPLICATION

READ THESE INSTRUCTIONS BEFORE COMPLETING THE APPLICATION: If the instructions are unclear, or if they do not address a particular situation existing in your library, please call the Library Incentive Grant Unit staff at 1-800-952-7403 or 267-9400.

Instructions corresponding to each page of the Application are separated below by a broken horizontal line. Instructions for the various sections and standards covered on each page of the Application are separated below by a solid horizontal line.

p1 At the bottom of the page give the inclusive dates of the fiscal year for which you are reporting only if it differs from 1 July 1982 through 30 June 1983.

---

p2 A TOTAL OPERATING INCOME (Please report in whole dollars)

Exclude - income earmarked for capital programs and outlays

p2 A1 Appropriated Municipal Income

A1a Municipal Appropriation

Include + funds actually appropriated for operating expenditures

+ appropriations received through the supplemental budget process

Exclude - Carry-over from FY82
- Library Incentive Grant
- Dog Tax Fund
- Federal Revenue Sharing
- Other (appropriated)
- Regional and Subregional monies

A1b Carry-over: Enter "included in 1a,c,d,e,f" as appropriate if carry-over is already reported elsewhere.

Include + FY82 appropriated monies which were unencumbered and unexpended that year and authorized by the municipality for operating expenses during FY83

A1c Library Incentive Grant: Enter "included in 1a" if the amount of the Library Incentive Grant is already reported in "Municipal Appropriation" above.

Include + only the amount of funds authorized by the municipality during FY83 for the library's operating expenses

A1d Dog Tax Fund: Enter "included in 1a" if the amount is already reported in "Municipal Appropriation" above.

Include + only if funds were authorized by the municipality for the library's operating expenses

A1e Federal Revenue Sharing: Enter "included in 1a" if the amount is already reported in "Municipal Appropriation" above.

Include + only if authorized by the municipality for the library's operating expenses

A1f Other (appropriated): Enter "included in 1a" if the amount of other appropriated income is already reported in "Municipal Appropriation" above.

Include + appropriated revenue not specified elsewhere in A1a-e. Such revenue may be from fines and fees, duplicating machine usage, rentals, or the sale of inventory and fixed assets.

Exclude - receipts retained by the municipality and not authorized for the library's operating expenses

p2 Box A Add lines A1a-f and place the sum to the right in Box A labeled "Total Appropriated Municipal Income."

p2 A2 Additional Monies - Nongrant

A2a Trusts and Endowments

Include + interest or other income from trusts and endowments received between 1 July 1982 - 30 June 1983. If some or all of your trust funds and/or endowments do not follow the July - June fiscal year, please indicate that on the bottom line of page 1.

Exclude - the principal of trusts and endowments

A2b Monetary Gifts: Enter "included in 2a" if the amount is already reported in "Trusts and Endowments" above.

Include + monetary gifts including those received from civic and business organizations and foundations

Exclude - estimated or fair market value of non-monetary gifts (such as books, paintings, furniture)
- grants from foundations or civic and business organizations

A2c Miscellaneous: Enter "included in 2a or b" as appropriate if the amount is already reported elsewhere.

Include + other nongrant income retained by the library and not specified in A2a or b. Such revenue may be from fines and fees, duplicating machine usage, rentals, the sale of inventory and fixed assets, or proceeds from fundraising projects or consignment shops.

Exclude - receipts returned to the municipality

p2 A3 Additional Monies - Grant: Monies reported here should not be reported anywhere else on the application.

A3a Non-governmental Grants

Include + non-governmental grant monies received as a result of a proposal prepared in response to the requirements of the donor. Donors may include civic and business organizations and foundations.

Exclude - state and federal governmental grant monies

A3b LSCA

Include + total grant monies received under the Library Services and Construction Act between 1 July 1982 and 30 June 1983 for library operating expenses

A3c Other Federal Grants

Include + with the exceptions noted below, federal grant monies received between 1 July 1982 and 30 June 1983 for library operating expenses

Exclude - federal revenue sharing
- LSCA
- federally subsidized employment programs such as CETA, Green Thumb, and National Council of Senior Citizens' Senior Aides
- federal income earmarked for capital programs and outlays

A3d Other State Grants

Include + with the exception of the Library Incentive Grant, income from state government grants

A3e Regional and Subregional Monies: This item applies only to the libraries contracting directly with the Board of Library Commissioners.

Include + amount of state funds received for providing regional and subregional services

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p2 B TOTAL OPERATING EXPENDITURES (Please report in whole dollars)

Include + expenditures and encumbrances from income reported above in A1a-f (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant)

+ **expenditures**, defined as the cost of goods delivered or services rendered

+ **encumbrances**, defined as a contingent liability in the form of purchase orders, contracts, or salary commitments which were not yet paid as of the last day of the fiscal year, but are to be paid out of FY83 Total Appropriated Municipal Income or Additional Monies - Nongrant. An example of an encumbrance is an order for books not yet received (or paid for) on the last day of the fiscal year, but for which funds are reserved (encumbered) to pay the bill when received. If in doubt as to whether or not a particular purchase order or other commitment is an encumbrance, check with your accountant.

Exclude - expenditures and encumbrances from income reported in A3a-e (Additional Monies - Grant) and C1a-b (Capital Programs and Outlays)

p2 B1 Salaries

Include + expenditures and encumbrances from income reported in A1a-f (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ total salaries paid all staff (full-time, part-time, seasonal, substitute, hourly, etc.) holding positions routinely included in the library budget year after year

Exclude - contracted services such as maintenance
- salaries paid with federal monies (LSCA, CETA, etc.) other than federal revenue sharing
- salaries paid by other municipal departments
- pension and fringe benefit expenditures (If either or both are paid from the library's Total Appropriated Municipal Income and/or Additional Monies - Nongrant, include the amount expended in "Other Operating Expenditures" Box B3 below.)

p2 Box B1 Place the amount of salary expenditures/encumbrances to the right in Box B1 labeled "Total Salary Expenditures."

p2 B2a1-3 Library Print Materials

Include + expenditures and encumbrances from income reported in A1a-f (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ for books, the amount expended and encumbered for books and other printed materials catalogued or made ready for use (processed) in the same manner as books

+ separate amounts for periodicals and microforms

p2 Sub-total Add lines B2a1-3 and place the total below in the box labeled "Library Print Materials Subtotal.

p2 B2b Library Non-Print and Additional Materials

Include + expenditures and encumbrances for income reported in A1a-f (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ audio recordings (disc, reel-to-reel tape, and cassette audio recordings)

+ 8 and 16mm films if they are part of the library's permanent collection

+ other AV materials which require the use of special equipment to be seen or heard

+ additional non-book library materials which do not require the use of special equipment to be seen or heard, e.g., maps, art prints, globes, vertical file material, and games

+ microcomputer software

p2 Box B2 Add the amounts reported in the box marked Library Print Materials Subtotal and on line B2b (Library Non-Print and Additional Materials) and place the total to the right in Box B2 labeled "Total Materials Expenditures."

p2 B3 Other Operating Expenditures

Include expenditures and encumbrances:
+ from income reported in A1a-f (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ for all purposes other than salaries and materials

+ for items such as the following, for example:
maintenance of plant
electricity
telephone and telecommunications
equipment and film rentals
contracted services
annual network and consortia membership fees
supplies
postage
fees for speakers
binding and rebinding
pension and fringe benefit costs

Exclude - expenditures and encumbrances from income reported in A3a-e (Additional Monies - Grant) and C1a-b (Capital Programs and Outlays)

p2 Box B3 Place the amount to the right in Box B3 labeled "Other Operating Expenditures."

p2 Box B Total Operating Expenditures

Add Boxes B1, B2, and B3 and place the total to the right in Box B labeled "Total Operating Expenditures."

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p2 C CAPITAL PROGRAMS AND OUTLAYS

Libraries where automated systems have been purchased or that are participating in automated networks for resource sharing (e.g. NOBLE, Merrimack Valley Library Cooperative, C/W MARS, etc.) should record here the income for and expenditures on hardware associated with that membership.

p2 C1 INCOME (Capital)

Include + income for capital programs or outlays, generally defined as resulting in the acquisition of, or addition to, fixed assets which will remain usable in excess of one year. Municipalities, however, often have their own definition of what constitutes a capital program or outlay. If available, use the municipality's definition or that of the Board of Trustees. Note that any income reported here in section C1 should not be reported in section A.

C1a **Appropriated Municipal Income (Capital)**

Include + appropriations for capital programs and outlays

C1b **Additional Monies (Capital)**

Include + income for capital programs and outlays from, for example:
interest from trusts and endowments
monetary gifts
Friends of the Library
federal monies
state monies

p2 Box C1 Add lines C1a and b and place the sum in the box below labeled C1.

p2 C2 **Expenditures (Capital)**

Include + all expenditures and encumbrances for capital programs and outlays taken from the sources of income listed above in C1a and b. **Note that any expenditures reported here in section C2 should not be reported in section B.**

p2 Box C2 Place the sum of all such expenditures and encumbrances to the right in the box labeled C2.

## HOLDINGS AND CIRCULATION INFORMATION FOR FY83

### A. HOLDINGS

1. LIBRARY PRINT MATERIALS
   - a. Volumes Owned.....
   - b. Volumes of Bound Periodicals.....
   - c. Periodical Subscriptions Rec'd...
   - d. Physical Units of Microforms.....

2. LIBRARY NON-PRINT & ADDITIONAL MATERIALS
   - a. Audio Recordings.....
   - b. Films 8mm.....
   - c. Films 16mm.....
   - d. Filmstrips.....
   - e. Slide Sets.....
   - f. Videotapes:.....reels_____ + cassettes_____ =
   - g. Multi-media Kits.....
   - h. Framed Art Prints.....
   - i. Other.....

TOTAL A

### B. CIRCULATION

1. LIBRARY PRINT MATERIALS
   - a. Direct Circulation to Users.....
   - b. Circulation from other Libraries to Users (ILL).....
   - c. Circulation to other Libraries (ILL).....

2. LIBRARY NON-PRINT & ADDITIONAL MATERIALS
   - a. Audio Recordings.....
   - b. Films 8mm.....
   - c. Films 16mm.....
   - d. Filmstrips.....
   - e. Slide Sets.....
   - f. Videotapes:.....reels _____ + cassettes _____ =
   - g. Multi-media Kits.....
   - h. Framed Art Prints.....
   - i. Other.....

TOTAL B

Data reported on this page should be for FY83, covering the 12-month period between July 1, 1982 and June 30, 1983. If data are reported for another 12-month period, please supply inclusive dates here_____.

HOLDINGS AND CIRCULATION INFORMATION FOR FY83

A1 HOLDINGS: LIBRARY PRINT MATERIALS

A1a Volumes Owned: Count one for each volume (i.e. physical unit, either hard or soft bound) owned by the library in its catalogued collection of books and related printed materials catalogued or processed in the same manner as books.

A1b Volumes of Bound Periodicals: Count, according to the method used in your library, the number of volumes of hardbound periodicals owned by the library. Report "0" if the library does not own any volumes of bound periodicals.

A1c Periodical Subscriptions Received: Count one for each title, excluding duplicate subscriptions.

A1d Physical Units of Microforms: Count one for each roll of microfilm or each card of microfiche.

A2 HOLDINGS: LIBRARY NON-PRINT & ADDITIONAL MATERIALS: For each of the media listed, count materials separately by title, including one for each titled part of a series.

A2a Audio recordings: Include discs, reel-to-reel tapes, and cassettes.

A2b-c Films 8mm and 16mm: Count only those owned by the library.

A2d-e Filmstrips and Slide Sets: Include sound and silent.

A2f Video tapes: Include, if possible, a separate figure for permanent reel-to-reel tapes and cassette tapes, either commercially or non-commercially produced. Also, please provide a total count of all video tapes (excluding, of course, blank tapes).

A2g Multi-Media Kits: A kit is a variety of media formats (usually a minimum of 3) gathered and integrated into a unit such that the varied components overlap and reinforce the value of each other. Count one for each kit title.

A2h Framed Art Prints: Include framed art prints intended for circulation. Do not include individual photographs or clippings.

A2i Other: Include materials not listed individually such as globes, games, puzzles, toys, realia, maps, microcomputer software, vertical file material, etc. Count one for each drawer of vertical file material; for all other items count or estimate one for each title.

Add lines A1a and A2a-h, placing the figure below on the dark line labeled "TOTAL A." Do not include lines A1b-d and A2i in the total.

B1 CIRCULATION: LIBRARY PRINT MATERIALS

B1a Direct Circulation to Users: Count one for each book or issue of a periodical lent from the collection to users, and one for each renewal, including circulation from bookmobiles operated by the library. Circulation of materials owned by the regional public library system should also be included in this count.

B1b Circulation from Other Libraries to Users (ILL): Count one for each book or issue of a periodical received from another library's collection and circulated to users, and one for each renewal. This figure should reflect the interlibrary loans received by the library.

B1c Circulation To Other Libraries (ILL): Count one for each book or issue of a periodical loaned to another library, and one for each renewal. This figure should reflect the interlibrary loans sent by the library.

B2 CIRCULATION: LIBRARY NON-PRINT & ADDITIONAL MATERIALS

B2a-i Count one for each title lent from the library's own collection, or received from the regional public library system or from another library's collection and lent to users or another library, and one for each renewal.

Add lines B1a-c and B2a-h, placing the figure below on the dark line labeled "TOTAL B." Do not include line B2i in the total.

If you have any questions, please call the Planning and Research Unit staff at 1-800-952-7403 or 267-9400.

# Municipal Index to Population Groups

| Municipality | Pop. Group | Municipality | Pop. Group | Municipality | Pop. Group |
|---|---|---|---|---|---|
| ABINGTON | IV | BARRE | II | BREWSTER | III |
| ACTON | IV | BECKET | I | BRIDGEWATER | IV |
| ACUSHNET | III | BEDFORD | IV | BRIMFIELD | II |
| ADAMS | IV | BELCHERTOWN | III | BROCKTON | VI |
| AGAWAM | V | BELLINGHAM | IV | BROOKFIELD | II |
| ALFORD | I | BELMONT | V | BROOKLINE | VI |
| AMESBURY | IV | BERKLEY | II | BUCKLAND | I |
| AMHERST | V | BERLIN | II | BURLINGTON | IV |
| ANDOVER | V | BERNARDSTON | I | CAMBRIDGE | VI |
| ARLINGTON | V | BEVERLY | V | CANTON | IV |
| ASHBURNHAM | II | BILLERICA | V | CARLISLE | II |
| ASHBY | II | BLACKSTONE | III | CARVER | III |
| ASHFIELD | I | BLANDFORD | I | CHARLEMONT | I |
| ASHLAND | III | BOLTON | II | CHARLTON | III |
| ATHOL | IV | BOSTON | VII | CHATHAM | III |
| ATTLEBORO | V | BOURNE | IV | CHELMSFORD | V |
| AUBURN | IV | BOXBOROUGH | II | CHELSEA | V |
| AVON | III | BOXFORD | III | CHESHIRE | II |
| AYER | III | BOYLSTON | II | CHESTER | I |
| BARNSTABLE | V | BRAINTREE | V | CHESTERFIELD | I |

| Municipality | Pop. Group | Municipality | Pop. Group | Municipality | Pop. Group |
|---|---|---|---|---|---|
| CHICOPEE | VI | DUNSTABLE | I | FRANKLIN | IV |
| CHILMARK | I | DUXBURY | IV | FREETOWN | III |
| CLARKSBURG | I | EAST BRIDGEWATER | III | GARDNER | IV |
| CLINTON | IV | EAST BROOKFIELD | I | GAY HEAD | I |
| COHASSET | III | EAST LONGMEADOW | IV | GEORGETOWN | III |
| COLRAIN | I | EASTHAM | II | GILL | I |
| CONCORD | IV | EASTHAMPTON | IV | GLOUCESTER | V |
| CONWAY | I | EASTON | IV | GOSHEN | I |
| CUMMINGTON | I | EDGARTOWN | II | GOSNOLD | I |
| DALTON | III | EGREMONT | I | GRAFTON | IV |
| DANVERS | IV | ERVING | I | GRANBY | III |
| DARTMOUTH | IV | ESSEX | II | GRANVILLE | I |
| DEDHAM | V | EVERETT | V | GREAT BARRINGTON | III |
| DEERFIELD | II | FAIRHAVEN | IV | GREENFIELD | IV |
| DENNIS | IV | FALL RIVER | VI | GROTON | III |
| DIGHTON | III | FALMOUTH | IV | GROVELAND | III |
| DOUGLAS | II | FITCHBURG | V | HADLEY | II |
| DOVER | II | FLORIDA | I | HALIFAX | III |
| DRACUT | IV | FOXBOROUGH | IV | HAMILTON | III |
| DUDLEY | III | FRAMINGHAM | VI | HAMPDEN | II |

| Municipality | Pop. Group | Municipality | Pop. Group | Municipality | Pop. Group |
|---|---|---|---|---|---|
| HANCOCK | I | HULL | III | LUNENBURG | III |
| HANOVER | IV | HUNTINGTON | I | LYNN | VI |
| HANSON | III | IPSWICH | IV | LYNNFIELD | IV |
| HARDWICK | II | KINGSTON | III | MALDEN | VI |
| HARVARD | IV | LAKEVILLE | III | MANCHESTER | III |
| HARWICH | III | LANCASTER | III | MANSFIELD | IV |
| HATFIELD | II | LANESBOROUGH | II | MARBLEHEAD | IV |
| HAVERHILL | V | LAWRENCE | VI | MARION | II |
| HEATH | I | LEE | III | MARLBOROUGH | V |
| HINGHAM | IV | LEICESTER | III | MARSHFIELD | IV |
| HINSDALE | I | LENOX | III | MASHPEE | II |
| HOLBROOK | IV | LEOMINSTER | V | MATTAPOISETT | III |
| HOLDEN | IV | LEVERETT | I | MAYNARD | III |
| HOLLAND | I | LEXINGTON | V | MEDFIELD | IV |
| HOLLISTON | IV | LEYDEN | I | MEDFORD | VI |
| HOLYOKE | V | LINCOLN | III | MEDWAY | III |
| HOPEDALE | II | LITTLETON | III | MELROSE | V |
| HOPKINTON | III | LONGMEADOW | IV | MENDON | II |
| HUBBARDSTON | I | LOWELL | VI | MERRIMAC | II |
| HUDSON | IV | LUDLOW | IV | METHUEN | V |

| Municipality | Pop. Group | Municipality | Pop. Group | Municipality | Pop. Group |
|---|---|---|---|---|---|
| MIDDLEBOROUGH | IV | NEW SALEM | I | ORLEANS | III |
| MIDDLEFIELD | I | NEWBURY | II | OTIS | I |
| MIDDLETON | II | NEWBURYPORT | IV | OXFORD | IV |
| MILFORD | IV | NEWTON | VI | PALMER | IV |
| MILLBURY | IV | NORFOLK | III | PAXTON | II |
| MILLIS | III | NORTH ADAMS | IV | PEABODY | V |
| MILLVILLE | I | NORTH ANDOVER | IV | PELHAM | I |
| MILTON | V | NORTH ATTLEBORO | IV | PEMBROKE | IV |
| MONROE | I | NORTH BROOKFIELD | II | PEPPERELL | III |
| MONSON | III | NORTH READING | IV | PERU | I |
| MONTAGUE | III | NORTHAMPTON | V | PETERSHAM | I |
| MONTEREY | I | NORTHBOROUGH | IV | PHILLIPSTON | I |
| MT. WASHINGTON | I | NORTHBRIDGE | IV | PITTSFIELD | VI |
| NAHANT | II | NORTHFIELD | II | PLAINFIELD | I |
| NANTUCKET | III | NORTON | IV | PLAINVILLE | III |
| NATICK | V | NORWELL | III | PLYMOUTH | V |
| NEEDHAM | V | NORWOOD | V | PLYMPTON | I |
| NEW BEDFORD | VI | OAK BLUFFS | I | PRINCETON | II |
| NEW BRAINTREE | I | OAKHAM | I | PROVINCETOWN | II |
| NEW MARLBOROUGH | I | ORANGE | III | QUINCY | VI |

| Municipality | Pop. Group | Municipality | Pop. Group | Municipality | Pop. Group |
|---|---|---|---|---|---|
| RANDOLPH | V | SCITUATE | IV | STONEHAM | IV |
| RAYNHAM | III | SEEKONK | IV | STOUGHTON | V |
| READING | IV | SHARON | IV | STOW | III |
| REHOBOTH | III | SHEFFIELD | II | STURBRIDGE | III |
| REVERE | V | SHELBURNE | II | SUDBURY | IV |
| RICHMOND | I | SHERBORN | II | SUNDERLAND | II |
| ROCHESTER | II | SHIRLEY | III | SUTTON | III |
| ROCKLAND | IV | SHREWSBURY | IV | SWAMPSCOTT | IV |
| ROCKPORT | III | SHUTESBURY | I | SWANSEA | IV |
| ROWE | I | SOMERSET | IV | TAUNTON | V |
| ROWLEY | II | SOMERVILLE | VI | TEMPLETON | III |
| ROYALSTON | I | SOUTH HADLEY | IV | TEWKSBURY | IV |
| RUSSELL | I | SOUTHAMPTON | II | TISBURY | II |
| RUTLAND | II | SOUTHBOROUGH | III | TOLLAND | I |
| SALEM | V | SOUTHBRIDGE | IV | TOPSFIELD | III |
| SALISBURY | III | SOUTHWICK | III | TOWNSEND | III |
| SANDISFIELD | I | SPENCER | IV | TRURO | I |
| SANDWICH | III | SPRINGFIELD | VII | TYNGSBORO | III |
| SAUGUS | IV | STERLING | III | TYRINGHAM | I |
| SAVOY | I | STOCKBRIDGE | II | UPTON | II |

| Municipality | Pop. Group | Municipality | Pop. Group | Municipality | Pop. Group |
|---|---|---|---|---|---|
| UXBRIDGE | III | WEST SPRINGFIELD | V | WINDSOR | I |
| WAKEFIELD | IV | WEST STOCKBRIDGE | I | WINTHROP | IV |
| WALES | I | WEST TISBURY | I | WOBURN | V |
| WALPOLE | IV | WESTBOROUGH | IV | WORCESTER | VII |
| WALTHAM | VI | WESTFIELD | V | WORTHINGTON | I |
| WARE | III | WESTFORD | IV | WRENTHAM | III |
| WAREHAM | IV | WESTHAMPTON | ! | YARMOUTH | IV |
| WARREN | II | WESTMINSTER | III | | |
| WARWICK | I | WESTON | IV | | |
| WATERTOWN | V | WESTPORT | IV | | |
| WAYLAND | IV | WESTWOOD | IV | | |
| WEBSTER | IV | WEYMOUTH | VI | | |
| WELLESLEY | V | WHATELY | I | | |
| WELLFLEET | II | WHITMAN | IV | | |
| WENDELL | I | WILBRAHAM | IV | | |
| WENHAM | II | WILLIAMSBURG | II | | |
| WEST BOYLSTON | III | WILLIAMSTOWN | III | | |
| WEST BRIDGEWATER | III | WILMINGTON | IV | | |
| WEST BROOKFIELD | II | WINCHENDON | III | | |
| WEST NEWBURY | II | WINCHESTER | IV | | |